



The UK's leading manufacturer
of physical security products

Retail Price List



Jan 2025
All prices are in pounds sterling excluding VAT.

CE MARKING

WHAT IS CE MARKING?

The letters "CE" are the abbreviation of French phrase "Conformité Européenne" which literally means "European Conformity."

1. CE Marking on a product is a manufacturers and installers declaration that the product complies with the essential requirements of the relevant European health, safety and environmental protection legislations. Product Directives contain the "essential requirements" and/or "performance levels" and "Harmonised Standards" to which the products must conform. Harmonised Standards are the technical specifications (European Standards or Harmonisation Documents) which are established by several European standards agencies (CEN, CENELEC, etc). CEN stands for European Committee for Standardisation. CENELEC stands for European Committee for Electrotechnical Standardisation.
2. CE Marking on a product indicates to governmental officials that the product may be legally placed on the market in their country.
3. CE Marking on a product permits the withdrawal of the non-conforming products by customs and enforcement/vigilance authorities.

WHAT IS THE MACHINERY DIRECTIVE?

The Machinery Directive (current)

'The Supply of Machinery (Safety) Regulations 1992, implements the European Machinery Directive and contains detailed requirements for manufacturing and installing safe new machinery.'

- CE marking for electrically operated roller shutters was introduced with effect from 1st January 1995, under the Machinery Directive.
- From the 1st January 1997 all electrically operated roller shutters had to be CE marked.
- The Machinery Directive is risk assessment led. There are no product specific requirements.

Manufacturers (SWS UK) obligations are to:

- Prepare a risk assessment for all electrically operated products.
- Maintain a technical file for each electrically operated product.
- Provide installers with a Declaration of Incorporation to the Machinery Directive for each standard electrically operated product.
- Issue comprehensive fitting instructions.
- Issue operating and maintenance instructions.

Installers obligations are to:

- Install each electrically operated product as per the manufacturer's fitting instructions.
- Allocate each product with a unique reference number. Attach a CE label to the product.
- Provide end-users with a Declaration of Conformity to the Machinery Directive and retain a 2nd file copy.
- Provide customers with operating and maintenance instructions.

WHAT IS CPR?

CPR – Construction Product Regulations

The CPR builds upon the CPD and aims to break down technical barriers to trade in construction products within the European Economic Area (EEA). To achieve this, the CPR provides for four main elements:

- A system of harmonised technical specifications.
- An agreed system of conformity assessment for each product family.
- A framework of notified bodies.
- CE marking of products.

The CPR harmonises the methods of assessment and test, the means of declaration of product performance and the system of conformity assessment of construction products, but NOT national building regulations. The choice of required values for the particular intended use is left to the regulators and public/private sector procurers at the national level. However, such required values must be expressed in a consistent manner (technical language) as used in the harmonised technical specifications.

The full legislation relating to manufacturers, importers and distributors came into force on 1 July 2013, when the CPD was replaced.

SWS UK'S AND CUSTOMER'S OBLIGATIONS TO CPR

Manufacturers (SWS UK) obligations are to:

- Fulfil all requirements of the main product standard (BSEN 13241-1 Industrial, commercial and garage doors and gates – product standard part 1 – products without fire resistance or smoke control characteristics).
- Fulfil all requirements in supporting standards.
- Have safety functions and environmental characteristics tested by a UKAS accredited body.
- Have a fully documented, externally audited Factory Production Control system (FPC). SWS UK is registered to ISO 9001:2015
- Provide installers with a Declaration of Performance to the CPR.
- Issue comprehensive fitting, repairing and dismantling instructions.
- Issue a log book which is to remain with the product.
- Attach a CE label under the CPR to the manufactured product.

Installers obligations are to:

Retain a copy of the Manufacturers Declaration of Performance to the CPR and the Manufacturers Declaration of Incorporation to the Machinery Directive.

SPECIALS

All SWS products that are manufactured within the sizes and specifications listed in this price list are fully compliant to the essential requirements of the new product standard.

To manufacture a product outside of the specifications listed within this price list will require evaluation, possibly internal and external testing and a dedicated risk assessment and installation by SWS UK. This process will have associated costs and time implications regardless of whether we are able to supply the product or not.

DOOR OR WINDOW

BSEN 13241-1 and its supporting standards, under the CPR, only apply to products installed over doorways. Products over windows have different product standards but they must still be compliant under the Machinery Directive if electric operation.

A doorway is any opening designed to give safe access to persons or vehicles in industrial, commercial or residential premises.

It is SWS UK's decision to classify all servery and cabinet applications as doorways.

To comply with the standard all doorway shutters require an anti-fall back device when the maximum out-of-balance static force exceeds 200 newtons† after a single suspension component failure. The doorway shutters affected by this will be indicated on the pricing tables which follow in this price list.

The anti-fall back device supplied will depend on the product type and operation. Spring loaded shutters requiring an anti-fall back device will be supplied with two springs to satisfy the standard.

Please note this will now mean that there are some widths of shutters which can no longer be manufactured if the shutter is required for a doorway. When applicable this will be clearly indicated on the price tables. Electrically operated shutters requiring an anti-fall back device will be supplied with either an anti-drop brake or a spring. The price table will indicate which anti-fall back device will be installed.

OPPORTUNITIES & BENEFITS OF CE MARKING

By following some simple steps you will be minimising the risk of injury to installers and users of roller shutters while meeting your legal obligations.

Importantly, under the Health & Safety at Work Act 1974, landlords and owners of domestic, commercial and industrial premises are under a legal obligation to ensure that new and existing shutters are maintained to the appropriate standard. In the event of an accident, investigators will ask your customer's Health and Safety representative to provide them with evidence of a proper risk assessment, correct installation, maintenance schedule and availability of operating instructions.

† The newton is the SI unit of force. One newton is the force required to give a mass of 1 kilogram an acceleration of 1 metre per second.

"Doorway Shutters, garage doors and gates must comply with the Machinery Directive and the Construction Product Regulation. Using products from 'SWS UK' that are properly CE marked demonstrates compliance."

"You are breaking the law if you accept, an electrically operated shutter that has not been properly CE marked."

Key benefits of CE marking:

- Products should become safer leading to a reduction in accidents.
- If an installer is subject to legal action, CE marking under the Construction Products Regulation provides a recognised legal framework to help offset installer liability.
- All employers have legal duties under: The Provision & Use of Work Equipment Regulations. Compliance under the CPR and MD not only ensures that products are safe but that they remain so through regular maintenance.
- With much greater emphasis on ensuring products are installed in an appropriate manner (i.e. are 'fit for purpose') fewer call-backs are anticipated.
- To comply with the CPR all our roller shutters and roller garage doors have undergone wind loading tests. This now provides us with accurate performance information for our range of products.
- Promotion of your compliance to this legislation will enhance your businesses credibility when approaching new and existing customers.
- To ensure our range of products comply with the new legislation there has been several product developments resulting in higher specification products and greater functionality.

Key points to remember

- It is the installer's / distributor's responsibility to ensure that the product selected is fit for the buyer's purpose and that it is of satisfactory quality for its intended use.
- Is it a door / servery or window?
- If a door is the size sufficient to require an anti-fall back device? (please refer to the appropriate pricing matrix)
- The application may restrict the choice of control equipment (see page 60 for further information).
- All products must be installed in accordance with our fitting instructions.
- A Declaration of Conformity to the MD must be issued once an electrically operated product has been installed. In addition a CE label should be attached to the product.
- The end-user should be familiarised with the safe operating procedures and issued with the operating and maintenance instructions/log book provided by SWS UK.



IMPORTANT

Please read the notes below before using this price list

1. It is the installer's / distributor's responsibility to ensure that the product selected is fit for the buyers purpose and that it is of satisfactory quality for its intended use.
2. Always place orders in metric, using SWS UK order forms or via our online ordering system. Consider each section carefully before moving on to the next. If you require delivery by a set date, this must be highlighted on your order.
3. Please ensure you clearly indicate the quotation number on your order, otherwise the price on the order confirmation will be chargeable. If a quotation does not match the order in every respect, the quotation must be recalculated prior to an order being accepted.
4. Distributors must notify all changes to existing orders in writing. Failure to do this prior to commencement of manufacturing will result in additional charges being made.
5. Product sizes are always 'overall'. In the case of shutters to the top of box and outside of guides. For retractable gates from underside of bottom track to top of top track and the outside of the fixing frame.
6. When specifying, pricing and ordering a product always refer to the width (across the top) first and then the height (down the side).
7. Be mindful that the bottom slat on shutters sits into the top of the guide rails by between 60 mm and 93 mm depending upon slat type. Further details are available from the appropriate product overview section of our new trade price list. Any products ordered 'clear opening' or 'underside of stops' will have the appropriate dimension added to the width and height.
8. All products are manufactured to the sizes given on your order. It is therefore important that you make any deductions or additions which may be necessary before placing your order.
9. Use the product codes illustrated in this trade price list when ordering components.
10. Always make sure that you receive an order confirmation, check it carefully and notify the office immediately with any amendments. Failure to do this will result in costly rework and time delays which may involve you incurring additional charges.
11. We require a responsible person to be present and assist with unloading orders on delivery.
12. Deliveries received must be checked before signing the delivery note. This is especially important with overnight carriers as it not possible for us to claim compensation for damages or missing items unless highlighted on the driver's delivery notes. If possible, take a photocopy of this documentation for future reference.
13. If damage is detected, please complete a Damage Identification Sheet (available from your online distributor area) and email to customer.services@swsuk.co.uk along with a photograph.
14. Ensure fitting instructions are followed carefully by installation engineers and if the product is electrically operated it must be CE marked under the Machinery Directive after commissioning the product. Once CE marked the installer has an obligation to issue completed documentation to the end user that confirms that the product(s) have been fitted in accordance with our instructions.
15. Mill finish shutters tend to be very stiff to operate and are therefore unsuitable for everyday use in this condition. Please note SeceuroVision profiles are not available in mill finish.
16. Tables which indicate axle size, box extension and motor size are intended as a guide only and will vary with exact size and specification of shutter.

Contents

Built-on Shutters

SeceuroShield 150/T	page 4-5
SeceuroShield/Vision 38	page 6-8
SeceuroShield 3801	page 9
SeceuroShield 60	page 10-11
SeceuroShield 77	page 12-13
SeceuroVision 800	page 14-15
SeceuroVision 900	page 16-17
Accessories for shutters	page 18-27

Retractable security gates

SeceuroGuard 1000 / SeceuroGuard 1001	page 28-33
---------------------------------------	------------

Xpanda range

Saftidor / Saftiwindow / Trackless Barrier / Double Diamond	page 34-37
---	------------

Window Bars & Grilles

SeceuroBar / Fixed Bars / Mesh Grilles	page 38-41
--	------------

Components

Exploded Shutter Illustrations	page 42-43
Slats & Endlocks	page 45-45
End Plates & Shutter Box	page 46
Guide Rails	page 47
Axle Assembly – Axles, Axle Caps, Brackets, Bearings & Collars	page 48
Axle Assembly – Locking springs, Belt & Rod Crank Drive Components	page 49
Spring Fittings	page 50

Additional information

Assembled Shutter Order Form	page 51
Sloping Bottom Slat Order Form	page 52
Removable Guide Rail Order Form	page 53
SeceuroGuard/SeceuroBar Order Form	page 54
SeceuroGuard 1000 Hinge Aside Order Form	page 55
Fixed Bars Order Form	page 56
Mesh Grille Order Form	page 57
Component Parts / Xpanda Order Form	page 58
Notes	page 59
Guide to purchasing Shutters	page 60
Guide to purchasing Retractable Security Gates	page 61
Guide to Electrically Operated Shutters	page 62-63
Marketing Support	page 62-63
Colours & Powder Coating	page 64
Delivery, Packing & Warranties	page 65
Contact Us	page 66

Please note: In line with SWS UK's policy of continuous product improvement, we reserve the right to make changes without prior notification. All information is believed correct at the time of publication, errors and omissions excepted.



Manual Belt Operation (Vented Slat)

Width including guide rails (mm)

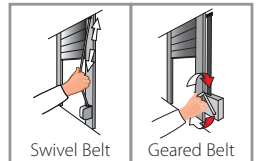
	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
1000	398	424	437	457	480	502	526	553	573	605	626	654	676	696	720	755	782	815	834	878	899	998	1025	1036	1051	1095	1137	1184	1230
1100	420	437	457	488	519	544	570	598	626	645	676	704	742	772	802	828	864	889	918	941	973	1061	1088	1103	1117	1159	1209	1256	1303
1200	431	457	480	519	544	573	598	616	654	688	727	755	776	809	849	882	913	938	961	986	1008	1103	1127	1148	1158	1208	1254	1302	1357
1300	444	472	508	541	570	598	626	665	688	727	755	782	834	864	889	925	952	973	1001	1035	1064	1159	1192	1214	1220	1269	1321	1373	1427
1400	462	502	530	570	598	632	665	696	734	755	791	834	872	899	925	952	986	1022	1060	1080	1110	1205	1231	1260	1267	1318	1369	1425	1482
1500	480	519	553	589	629	665	696	734	762	815	843	872	902	938	965	995	1068	1060	1098	1130	1153	1263	1295	1320	1329	1380	1436	1494	1555
1600	541	578	616	654	688	734	776	815	858	889	925	965	1001	1035	1070	1106	1143	1174	1205	1229	1268	1304	1339	1369	1500	1561	1622	1685	1755
1700	558	605	639	682	720	762	797	858	889	925	965	1001	1035	1070	1110	1148	1180	1212	1249	1285	1353	1422	1460	1498	1542	1605	1671		
1800	578	626	665	715	755	791	843	882	918	952	986	1028	1070	1110	1146	1180	1218	1256	1326	1368	1403	1464	1504	1565	1626				
1900	605	645	688	734	776	834	876	913	941	979	1022	1064	1098	1130	1180	1223	1268	1335	1373	1409	1437	1523	1584						
2000	616	669	720	762	809	858	899	934	979	1009	1060	1098	1143	1180	1218	1292	1335	1373	1411	1447	1504	1565							
2100	639	688	742	782	834	882	925	965	1006	1048	1088	1143	1180	1218	1292	1335	1373	1482	1528	1588									
2200	665	715	762	822	864	902	952	995	1044	1080	1127	1174	1214	1292	1329	1368	1469	1519	1578										
2300	682	734	782	843	882	934	979	1022	1070	1110	1157	1205	1288	1329	1368	1409	1521	1583											
2400	727	776	834	882	933	979	1028	1073	1118	1164	1214	1302	1353	1388	1425	1507	1567												
2500	742	791	858	902	952	1001	1048	1098	1146	1192	1243	1326	1373	1420	1505	1566													
2600	809	828	876	925	979	1035	1080	1130	1180	1223	1320	1363	1404	1485	1542														
2700	828	864	902	952	1006	1060	1110	1164	1218	1302	1353	1393	1475	1533															
2800	849	872	933	975	1030	1080	1143	1195	1260	1329	1376	1453	1508																

◀ Swivel Belt ▶ Geared Belt

KEY:

Window or Door

Type of Operation:



Rod Crank (vented slat) / Spring & Lock Operation (Non-Vented)

Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
1000	575	599	611	632	659	677	698	729	749	777	804	829	849	874	894	929	961	989	1008	1056	1070	1170	1195	1221	1268	1319	1370	1426	1483
1100	590	611	632	665	693	721	742	772	804	822	849	878	917	946	975	1003	1037	1067	1096	1118	1148	1256	1282	1314	1343	1398	1454	1512	1572
1200	605	632	659	693	721	749	772	791	829	866	901	929	954	983	1025	1058	1088	1117	1130	1162	1182	1303	1331	1360	1397	1453	1508	1569	1632
1300	620	645	682	715	742	772	804	838	866	901	929	961	1008	1037	1067	1103	1125	1148	1179	1212	1241	1369	1403	1435	1466	1526	1587	1650	1715
1400	642	677	705	742	772	809	838	874	912	929	969	1008	1047	1070	1103	1125	1162	1195	1230	1259	1286	1415	1450	1483	1519	1578	1643	1709	1778
1500	659	693	729	766	805	838	874	912	935	989	1019	1047	1078	1117	1145	1170	1208	1230	1273	1309	1324	1482	1519	1554	1589	1653	1719	1789	1860
1600	715	755	791	829	866	912	954	989	1034	1067	1103	1145	1179	1212	1247	1278	1316	1350	1377	1410	1444	1531	1565	1604	1653	1719	1789	1860	1933
1700	738	777	816	861	894	935	974	1034	1067	1103	1145	1179	1212	1247	1286	1321	1355	1383	1424	1459	1528	1657	1710	1754	1791	1862	1935	2013	2092
1800	755	804	838	888	929	969	1019	1058	1096	1125	1162	1208	1247	1286	1319	1355	1397	1428	1504	1541	1576	1715	1760	1800	1873	1951	2029	2109	2195
1900	777	822	866	912	954	1008	1053	1088	1118	1156	1195	1241	1273	1309	1355	1403	1444	1508	1550	1583	1615	1782	1851	1926	2002	2083	2166	2252	2342
2000	791	844	894	935	983	1034	1070	1112	1156	1187	1230	1273	1316	1355	1397	1466	1508	1550	1587	1618	1661	1728	1796	1869	1945	2024	2104	2190	2277
2100	816	866	917	961	1008	1058	1103	1145	1180	1221	1263	1316	1355	1397	1466	1508	1550	1587	1618	1682	1751	1822	1895	1969	2046	2130	2213	2304	2394
2200	838	888	935	995	1037	1078	1125	1170	1216	1259	1304	1350	1386	1466	1507	1541	1583	1631	1696	1763	1835	1907	1985	2067	2147	2235	2323	2417	2513
2300	861	912	961	1019	1058	1112	1156	1195	1247	1286	1331	1377	1464	1507	1541	1583	1635	1701	1766	1838	1910	1988	2069	2151	2237	2327	2420		
2400	901	954	1008	1058	1108	1156	1208	1251	1292	1341	1386	1475	1528	1565	1601	1617	1681	1750	1821	1894	1968	2045	2128	2212	2303	2393			
2500	917	969	1034	1078	1125	1179	1221	1273	1319	1368	1419	1504	1550	1598	1615	1678	1745	1816	1890	1964	2042	2124	2208	2297	2391				
2600	983	1003	1053	1103	1156	1212	1259	1309	1355	1403	1498	1537	1578	1615	1678	1745	1816	1890	1964	2042	2124	2208	2297						
2700	1003	1037	1078	1125	1180	1230	1286	1341	1397	1475	1528	1567	1583	1645	1711	1780	1850	1925	2001	2081	2165	2251							
2800	1025	1047	1108	1153	1210	1259	1316	1370	1433	1507	1553	1662	1729	1798	1871	1947	2025	2107	2191	2279	2366								

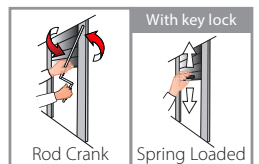
Maximum size for rod crank operation

KEY:

Window or Door

Window or Door with anti-drop brake

Type of Operation:



Minimum Width For Spring Loaded Shutters is **665 mm**

Please contact Customer Services for smaller sizes. Special Portico springs will incur longer lead times.





Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
1000	772	796	810	834	862	878	903	935	960	985	1012	1041	1064	1089	1112	1151	1181	1213	1230	1280	1299	1410	1428	1454	1480	1537	1599	1662	1729
1100	789	810	834	866	900	925	951	980	1012	1035	1064	1096	1130	1164	1197	1223	1265	1292	1322	1349	1380	1465	1489	1514	1537	1599	1662	1729	1798
1200	805	834	862	900	925	960	980	1001	1041	1078	1118	1151	1174	1209	1251	1286	1316	1348	1363	1399	1419	1504	1531	1556	1583	1645	1711	1780	1850
1300	822	848	888	918	951	980	1012	1051	1078	1118	1151	1181	1230	1265	1292	1329	1358	1380	1413	1444	1480	1559	1587	1612	1644	1710	1779	1849	1921
1400	843	878	912	951	980	1019	1051	1089	1125	1151	1187	1230	1270	1299	1329	1358	1399	1428	1467	1497	1528	1599	1626	1656	1681	1750	1821	1894	1968
1500	862	900	935	974	1016	1051	1089	1125	1157	1213	1243	1270	1304	1348	1373	1404	1437	1467	1510	1550	1565	1653	1681	1712	1744	1815	1888	1963	2041
1600	918	965	1001	1041	1078	1125	1174	1213	1260	1292	1329	1373	1413	1444	1483	1519	1556	1594	1625	1655	1662	1689	1724	1755	1788	1858	1931	2009	2089
1700	941	985	1025	1071	1112	1157	1193	1260	1292	1329	1373	1413	1444	1483	1528	1564	1600	1631	1671	1710	1729	1800	1833	1871	1906	1984	2063	2146	2233
1800	965	1012	1051	1106	1151	1187	1243	1286	1322	1358	1399	1437	1483	1528	1561	1600	1643	1677	1706	1744	1779	1839	1873	1913	1948	2028	2108	2192	2280
1900	985	1035	1078	1125	1174	1230	1277	1316	1349	1384	1428	1480	1510	1550	1600	1650	1693	1710	1754	1789	1824	1895	1934	1972	2008	2086	2170	2257	2347
2000	1001	1058	1112	1157	1209	1260	1299	1341	1384	1422	1467	1510	1556	1600	1643	1665	1710	1754	1790	1828	1871	1934	1973	2014	2053	2136	2220	2310	2401
2100	1025	1078	1130	1181	1230	1286	1329	1373	1414	1459	1503	1556	1600	1643	1665	1710	1754	1790	1828	1877	1921	2028	2069	2111	2150	2236	2324	2419	2515
2200	1051	1106	1157	1219	1265	1304	1358	1404	1453	1497	1549	1594	1632	1665	1709	1744	1789	1828	1877	1921	1963	2062	2108	2150	2192	2280	2368	2465	2564
2300	1071	1125	1181	1243	1286	1341	1384	1428	1483	1528	1576	1625	1662	1709	1744	1789	1839	1877	1921	1969	2016	2118	2166	2252	2342	2433	2533		
2400	1118	1174	1230	1286	1336	1384	1437	1489	1533	1587	1632	1674	1729	1768	1808	1858	1905	1955	1995	2045	2090	2162	2205	2291	2387	2481			
2500	1130	1187	1260	1304	1358	1413	1459	1510	1561	1612	1665	1706	1754	1800	1852	1897	1944	1977	2024	2070	2114	2200	2286	2380	2475				
2600	1209	1223	1277	1329	1384	1444	1497	1550	1600	1650	1700	1740	1784	1822	1868	1918	1964	2008	2056	2108	2151	2237	2327						
2700	1223	1265	1304	1358	1414	1467	1528	1587	1643	1674	1729	1773	1821	1861	1907	1961	2006	2056	2108	2192	2280	2368							
2800	1251	1270	1336	1383	1438	1497	1556	1615	1678	1709	1758	1790	1839	1891	1938	1989	2041	2090	2141	2226	2316								
3000	1318	1349	1422	1459	1497	1569	1657	1682	1750	1768	1821	1854	1905	1961	2014	2067	2114	2200	2286										
3200	1404	1464	1521	1584	1644	1706	1763	1825	1883	1947	2005	2067	2125	2187	2247	2338	2428												
3400	1435	1499	1562	1625	1688	1754	1813	1877	1938	2002	2069	2130	2192	2280	2368	2465													
3600	1454	1519	1584	1651	1712	1779	1844	1907	1975	2042	2109	2173	2237	2327															
3800	1485	1554	1622	1689	1760	1827	1895	1964	2032	2098	2168	2253	2343																
4000	1520	1589	1659	1732	1804	1872	1944	2018	2086	2157	2226	2316																	

Maximum shutter height including box for each box size

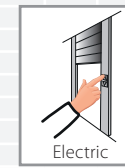
165 mm

180 mm

205 mm

250 mm

Type of Operation:



Minimum Width For Shutters:
Non-Override – 660 mm
Override – 710 mm
RTS Non-Override – 810 mm
RTS Override – 850 mm

KEY:

	Window or Door
	Window or Door with anti-drop brake

ANTI-DROP BRAKE

When required (as shown above) a surcharge of **£135.48** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£144.61** must be added to the appropriate shutter price – see page 25.

SOMFY RTS MOTORS

Available on window shutters at an upgrade of **£238.77**. For control accessories see page 25.

PLEASE NOTE: This product has been tested to BS EN 13659 and therefore should not be installed on the façade of a building. Alternative products for this application include the SeceuroShield 38 and the SeceuroShield 77.

Alternative Somfy motor available at a surcharge of **£36.00** net

Overview of SeceuroShield 150/T

COMMON APPLICATIONS

Internal, low security domestic sites, bars and serveries. Provides heat insulation in conjunction with a window, shading and light control. Not for shops, garage doors or commercial windows.

CONSTRUCTION

Curtain Slat

SeceuroShield 150/T uses a double skin foam filled aluminium slat, spring and lock operated shutters are supplied non-vented as standard, all other operations are supplied vented as standard but also available non-vented.

Bottom Slat

Extruded aluminium with rubber bottom seal. Reinforcing handle option (AEGR) surcharge **£10.42** per linear metre or reinforcing handle & rubber option surcharge **£13.40** per linear metre. Spring & lock shutters are supplied with a unique, patented, reversible bottom slat. This bottom slat features a top quirk which can be removed and turned around in the event that the bottom slat lock needs to face the other way.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box.

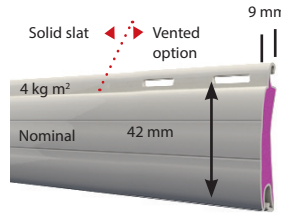
Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 5 mm pile brush seals. H25 guide profile as standard, H17 and H30 are available on request and H40/S is available at extra cost – (see page 18).

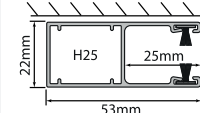
Accessories - For applicable accessories and components see pages 18-27 & 42-50

Please note: Colour references on standard product are a guide only and will not match powder coated finish and may incur a surcharge and/or a longer lead time.
Bottom slat, box and guides are not available in Cedar and will be supplied in brown as standard.

SLAT

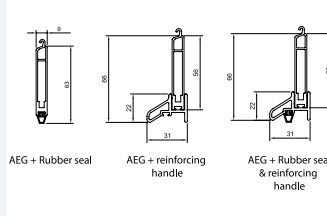


GUIDE RAIL



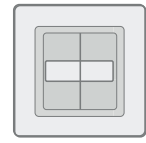
H25 guide profile supplied as standard, H17 and H30 are available on request and H40/S is available at an extra cost (see page 18).

BOTTOM SLAT

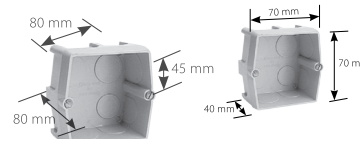


SWITCHES

All electric shutters are supplied with rocker switch as standard unless another control device is requested. Upgrade to the Inis Uno single pole switch for **£7.50 net**.
Switches are supplied "hold to run" for safety.



Somfy Inteo Inis Uno switch, Single Pole



Somfy Inteo Surface Box, White

Somfy Inteo Inis Flush Mounting Box

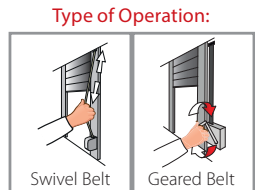
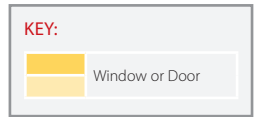
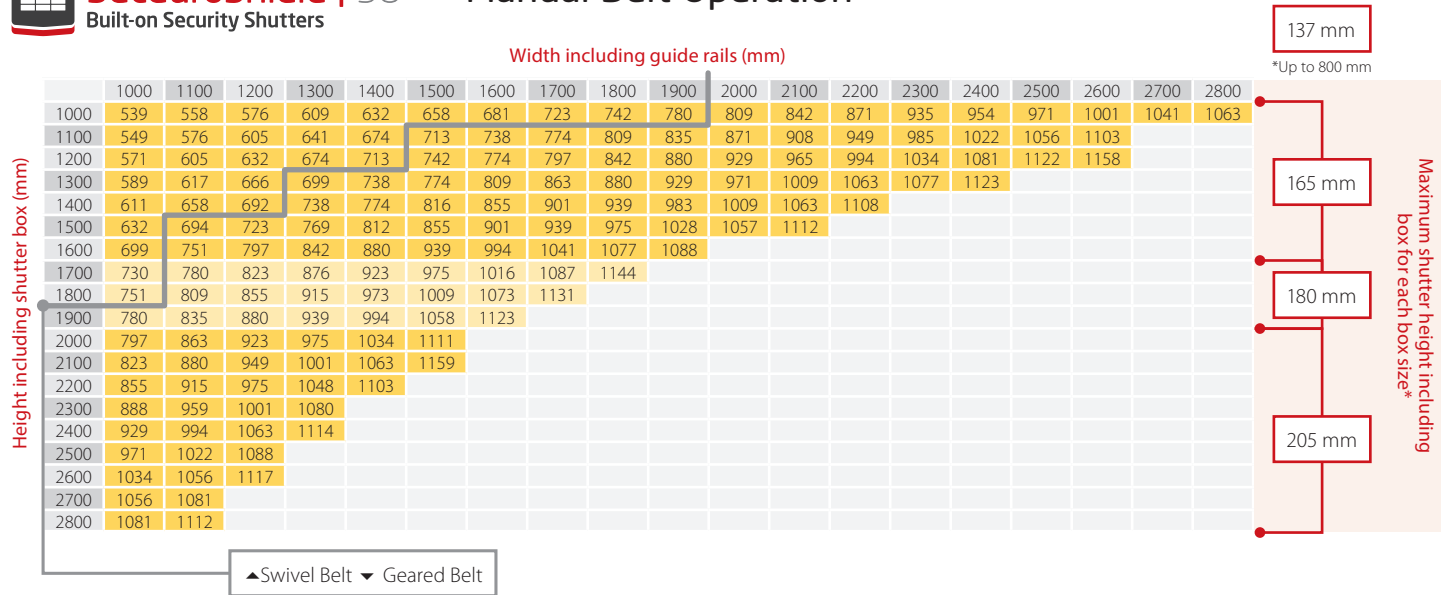
STANDARD COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

STANDARD COLOUR	Brilliant White (RAL 9016)	Brown (RAL 8014)	Agate Grey (RAL 7038)	Anthracite Grey (RAL 7016)	Light Beige (BS08B17)

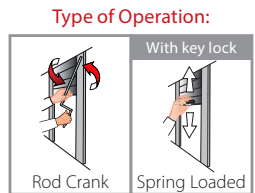
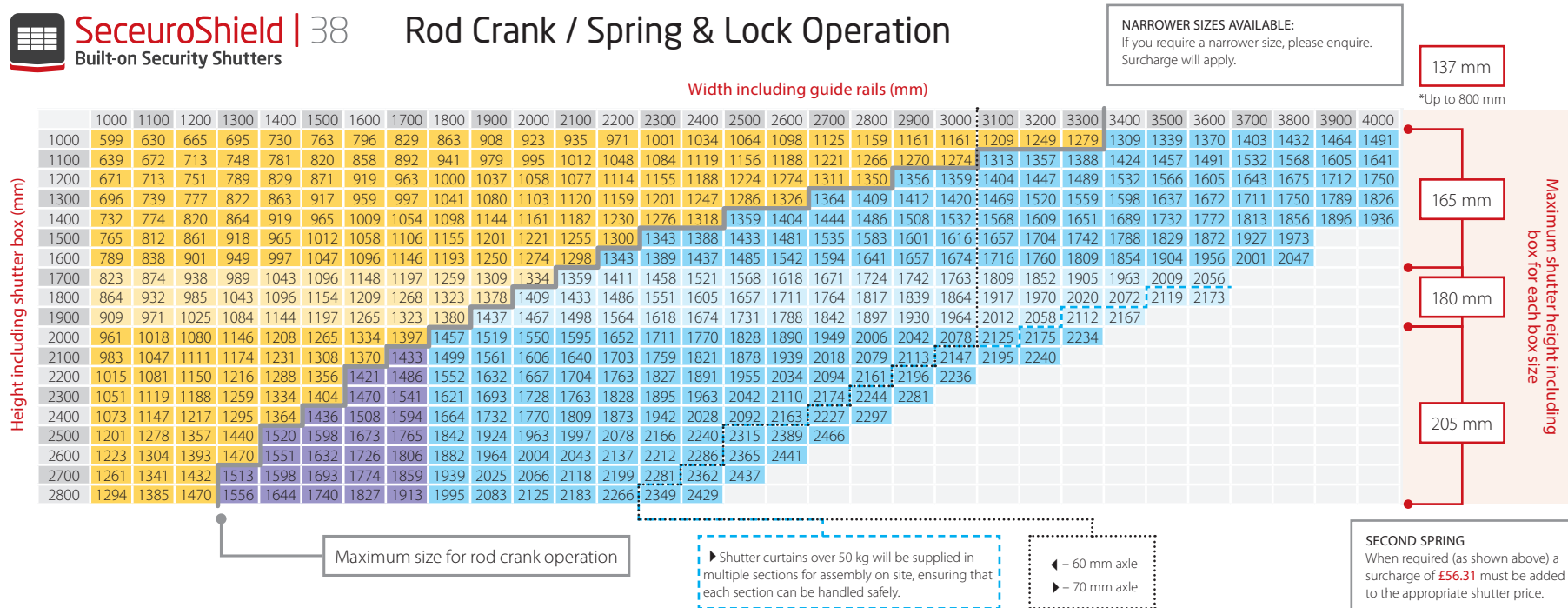
COLOUR SURCHARGE

Brilliant White is the standard colour. Other colours are available at a price of **£18.22** per m² net

Manual Belt Operation



Rod Crank / Spring & Lock Operation



Minimum width for Spring Loaded shutters: Less than or equal to 2400 mm in height = **665 mm**. Greater than 2400 in height = **875 mm**.

Please contact Customer Services for smaller sizes. Special Portico springs will incur longer lead times.



LARGER WIDTHS AVAILABLE:

SeceuroShield 38 can be manufactured to suit wider openings. Contact your Account Manager if you require a price and more details. Please note SeceuroShield 38 over 4 m wide will require H40/S guide rails and may also require a larger shutter box.

Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	
1000	989	1016	1034	1063	1088	1112	1143	1178	1201	1234	1265	1298	1324	1349	1410	1422	1457	1496	1519	1549	1579	1608	1641	1668	1704	1726	1744	1779	1811	1842	1873	
1100	1004	1034	1058	1098	1126	1163	1192	1226	1265	1289	1324	1360	1405	1440	1474	1510	1554	1587	1625	1650	1672	1703	1725	1758	1790	1829	1871	1905	1942	1977	2014	
1200	1025	1058	1088	1126	1163	1201	1226	1254	1298	1339	1385	1420	1450	1486	1535	1579	1611	1637	1657	1689	1725	1756	1788	1811	1832	1868	1901	1980	2058	2094	2135	
1300	1044	1073	1119	1158	1192	1226	1265	1318	1339	1385	1422	1465	1519	1554	1587	1617	1651	1672	1713	1756	1794	1833	1873	1905	1937	1972	2006	2043	2083	2117	2157	
1400	1066	1112	1148	1192	1226	1272	1309	1356	1400	1436	1465	1519	1564	1579	1617	1651	1744	1765	1788	1821	1852	1882	1917	1936	1957	2028	2091	2135	2173	2212	2253	
1500	1088	1154	1178	1220	1268	1309	1356	1400	1428	1496	1531	1566	1613	1672	1709	1744	1788	1828	1913	1928	1942	1957	1972	2035	2097	2141	2182	2221	2266	2310	2350	
1600	1158	1210	1249	1298	1339	1400	1450	1496	1542	1587	1617	1665	1713	1758	1800	1842	1821	1932	1972	2016	2056	2097	2141	2181	2218	2266	2315	2359	2403	2449	2495	
1700	1182	1234	1279	1331	1376	1428	1470	1542	1587	1617	1665	1713	1758	1800	1852	1899	1894	1978	2030	2069	2104	2143	2182	2224	2274	2315	2358	2403	2449	2510	2568	
1800	1210	1265	1309	1369	1425	1465	1531	1579	1605	1651	1706	1744	1800	1852	1896	1948	1990	2041	2078	2118	2166	2212	2258	2303	2339	2388	2434	2497	2557	2605	2653	
1900	1234	1289	1339	1400	1450	1519	1568	1598	1641	1682	1735	1794	1836	1887	1937	1997	2056	2118	2143	2194	2244	2288	2339	2386	2427	2495	2561	2611	2662	2717	2768	
2000	1254	1318	1376	1428	1486	1542	1579	1632	1682	1727	1788	1836	1894	1937	1990	2030	2080	2159	2214	2266	2318	2367	2420	2487	2557	2607	2660	2717	2769	2825	2879	
2100	1279	1339	1405	1457	1519	1564	1617	1665	1716	1771	1826	1894	1937	1990	2030	2080	2135	2196	2284	2339	2391	2446	2501	2579	2652	2709	2767	2823	2879	2937	2993	
2200	1309	1369	1428	1504	1554	1587	1651	1709	1764	1819	1876	1932	1983	2030	2078	2124	2179	2256	2357	2414	2470	2526	2582	2669	2762	2819	2876	2935	2993	3052	3110	
2300	1343	1412	1457	1531	1564	1632	1682	1735	1800	1852	1913	1972	2028	2083	2124	2174	2220	2313	2425	2483	2542	2598	2659	2759	2858	2917	2969	3033	3093	3179	3258	
2400	1385	1450	1519	1579	1629	1682	1782	1806	1859	1924	1983	2041	2099	2150	2199	2258	2291	2350	2501	2560	2621	2674	2735	2823	2908	2973	3036	3120	3201	3270	3458	
2500	1422	1474	1542	1637	1668	1725	1788	1845	1899	2016	2083	2150	2218	2284	2357	2420	2498	2564	2653	2723	2794	2867	2943	2987	3033	3100	3175	3335	3458	3529	3603	
2600	1486	1510	1568	1672	1709	1744	1828	1890	1980	2049	2117	2190	2259	2328	2399	2478	2568	2637	2706	2775	2848	2923	2997	3070	3139	3231	3318	3384	3495	3568	3636	
2700	1510	1551	1625	1713	1750	1767	1871	1932	2030	2102	2174	2247	2318	2389	2472	2542	2637	2709	2780	2853	2924	3000	3083	3175	3265	3338	3568	3639	3723	3827	3906	
2800	1535	1564	1657	1750	1782	1806	1913	1972	2080	2155	2226	2306	2379	2463	2535	2633	2705	2780	2854	2933	3000	3102	3201	3279	3352	3690	3820	3904	3990	4123	4200	
2900	1587	1613	1744	1826	1859	1924	1994	2056	2082	2244	2319	2449	2536	2587	2664	2744	2933	3015	3085	3167	3249	3330	3345	3651	3738	4045	4344	4436	4517	4610	4697	
3200	1688	1743	1796	1919	1937	1995	2080	2141	2247	2328	2470	2550	2607	2694	2882	2965	3052	3136	3215	3299	3320	3678	3730	4022	4123	4210	4510	4610				
3400	1764	1827	1887	1994	2099	2179	2273	2339	2457	2573	2662	2755	2851	2943	3013	3149	3243	3274	3367	3634	3692	4022	4114	4210	4307	4402						
3600	1772	1873	1975	2163	2262	2363	2465	2564	2669	2800	2898	2999	3100	3200	3305	3459	3560	3661	3688	3969	4069	4166	4270	4369								
3800	1851	1956	2144	2253	2359	2465	2572	2687	2818	2921	3029	3137	3241	3345	3504	3611	3717	3830	4008	4046	4216	4313										
4000	1920	2033	2293	2337	2448	2560	2668	2798	2946	3036	3146	3257	3374	3478	3701	3754	3863	4006	4143	4246	4362											
4200	2012	2119	2315	2394	2529	2648	2768	2888	3072	3174	3284	3402	3521	3628	3853	3940	4060	4239	4354													
4400	2099	2217	2332	2457	2605	2739	2864	2977	3190	3306	3421	3545	3669	3776	4008	4131	4253	4369														
4600	2155	2280	2391	2519	2696	2822	2944	3146	3279	3405	3527	3651	3765	4008	4131	4253	4376															
4800	2207	2332	2466	2613	2768	2897	3100	3238	3373	3492	3627	3741	3990	4114	4246	4369																
5000	2273	2402	2535	2712	2854	2987	3199	3333	3475	3607	3741	3981	4114	4246	4376																	
						</																										

137 mm

*Up to 800 mm

165 mm

180 mm

205 mm

These will require 250 mm

250 mm

Maximum shutter height including box for each box size

KEY:

	Window or Door
	Window or Door with anti-drop brake

ANTI-DROP BRAKE

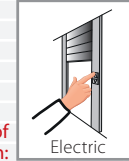
When required a surcharge of **£135.48** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£144.61** must be added to the appropriate shutter price – see page 25.

SOMFY RTS MOTORS

Available on window shutters at an upgrade of **£253.31**. For control accessories see page 25.



Type of Operation: Electric

Minimum Width For Shutters:

Non-Override – 660 mm

Override – 710 mm

RTS Non-Override – 810 mm

RTS Override – 850 mm

Alternative Somfy motor available at a surcharge of **£36.00** net

Overview of SeceuroShield 38

COMMON APPLICATIONS

High security domestic sites, medium security office/ commercial use dependent upon aperture size and risk. Small shopfronts and single garage doors with restricted headroom.

CONSTRUCTION

Curtain Slat

SeceuroShield 38 uses a double skin extruded aluminium slat.

Bottom Slat

Extruded aluminium with rubber bottom seal. Reinforcing handle option (AEGR) surcharge **£10.42** per linear metre or reinforcing handle & rubber option surcharge **£13.40** per linear metre. This bottom slat features a top quirk which can be removed and turned around in the event that the bottom slat lock needs to face the other way.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes will be supplied with zinc plated steel end plates.

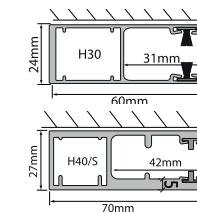
Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 5 mm pile brush seals. H30 guide profile as standard, H17 and H25 are available on request and H40/S is available at extra cost – (see page 18) Please note H17 guide rail is suitable for internal use only.

SLAT



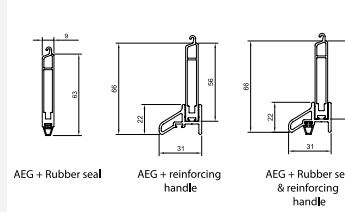
GUIDE RAIL



H30 guide profile supplied as standard, H17 and H25 on request

H40/S guide rail is available (see page 18)

BOTTOM SLAT



STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

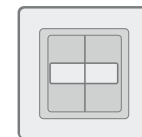
Brilliant White (RAL 9016)	Black (RAL 9005)
Brown (RAL 8014)	Cream (RAL 1015)

Please note: Colour references on standard product are a guide only and will not match powder coated finish.

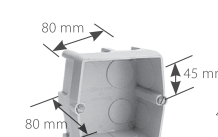
SWITCHES

All electric shutters are supplied with rocker switch as standard unless another control device is requested. Upgrade to the Inis Uno single pole switch for **£7.50 net**.

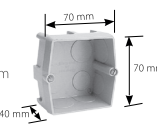
Switches are supplied "hold to run" for safety.



Somfy Inis Uno switch, Single Pole



Somfy Inis Surface Box, White



Somfy Inis Flush Mounting Box



THIS PRODUCT CAN BE POWDER COATED
See page 64



Punched or Perforated (No Glazing)

Width including guide rails (mm)

◀ 60 mm axle, ▶ 70 mm axle

▶ Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

Height including shutter box (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
1000	62	65	79	86	90	95	102	107	111	122	129	134	140	147	150	157	164	171	180	185	192
1100	67	79	87	91	100	106	110	118	126	134	140	148	153	161	167	176	184	192	198	201	209
1200	85	90	98	103	110	118	129	136	145	150	158	167	176	185	193	200	205	216	225	232	239
1300	88	95	103	111	122	130	140	148	155	164	173	184	192	200	205	216	226	233	242	248	258
1400	98	107	115	126	136	147	155	162	173	185	196	201	211	224	232	242	248	281	268	285	292
1500	103	111	124	134	147	155	164	176	186	198	203	216	227	238	246	257	267	281	289	299	308
1600	111	126	136	148	158	168	184	193	202	216	226	238	246	258	270	286	294	302	314	327	336
1700	118	132	145	155	167	182	193	202	216	227	239	253	261	280	289	300	309	324	334	348	356
1800	130	145	155	168	184	198	205	222	233	245	258	270	288	299	309	325	334	350	362	376	388
1900	137	149	162	180	193	202	219	232	245	258	270	288	300	312	326	342	353	370	380	394	408
2000	145	157	171	186	200	213	230	243	257	270	288	300	312	327	345	354	372	387	399	415	431
2100	149	164	182	198	209	225	239	254	268	287	300	312	327	347	356	375	388	400	422	435	449
2200	158	176	193	205	225	239	255	270	289	301	321	333	350	366	384	396	415	433	445	462	478
2300	167	185	200	216	233	248	263	286	300	314	331	349	366	384	396	415	435	449	463	480	501
2400	176	196	211	230	245	261	286	300	314	333	352	372	387	403	424	441	454	475	494	511	527
2500	185	201	222	238	255	278	293	309	327	348	366	386	400	423	440	454	475	494	511	529	547
2600	196	211	232	248	268	292	308	327	348	366	386	403	425	442	462	480	502	519	542	557	576
2700	200	222	239	258	285	300	321	336	356	379	396	422	440	456	478	501	518	541	554	576	598
2800	209	230	253	270	294	312	333	354	376	396	422	440	460	480	502	523	545	566	587	608	628
2900	225	245	267	292	311	333	354	379	399	424	443	466	488	511	534	553	576	599	625	646	669
3000	239	261	289	309	333	356	384	407	433	453	478	502	526	548	573	598	618	646	670	694	717
3100	255	286	307	331	356	386	408	437	460	486	511	541	564	588	614	639	665	692	717	740	766
3200	270	300	326	353	380	408	437	462	489	518	546	572	599	626	655	678	705	734	763	787	816
3300	292	321	348	376	403	435	462	489	519	548	576	608	635	665	694	723	749	778	809	835	869
3400	307	334	366	395	431	456	488	519	548	577	611	641	671	699	732	765	794	827	855	880	915
3500	324	353	387	422	450	485	517	547	577	611	643	674	705	740	772	804	835	871	901		
3600	336	373	407	441	475	507	543	574	610	643	677	707	742	777	812	846	878	913			
3700	354	392	430	462	497	534	570	605	639	672	707	747	778	816	851	888	923				
3800	373	408	445	485	521	554	595	631	670	704	742	778	817	855	892	929					
3900	388	430	466	504	545	585	618	660	696	739	776	815	855	892	932						

Maximum shutter height including box for each box size

165 mm
180 mm
205 mm
250 mm

KEY:

- Window or Door
- Window or Door with anti-drop brake

ANTI-DROP BRAKE

When required (as shown above) a surcharge of **£135.48** must be added to the appropriate shutter price.

Surcharge

Prices shown are a surcharge which must be added to the appropriate shutter price.

Overview of SeceuroVision 38

The prices shown are the surcharge for fully perforated, fully punched or fully punched and glazed shutters, up to the underside of the box. If you require only a section of the shutter curtain to contain vision please use the calculation below.

If partial vision within a curtain:

Punched or perforated vision surcharge = (number of slats x total width of shutter) x **£2.66** per linear metre
Punched and glazed vision surcharge = (number of slats x total width of shutter) x **£5.53** per linear metre

THIS PRODUCT IS NOT AVAILABLE WITH H17 GUIDE RAILS, WIND ENDOCKS OR BRICK BOND SPACING

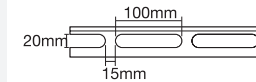
Use of solid slat

Solid slats are always used within the shutter box, part of a solid slat may be visible on a completely punched curtain.

Larger Widths

If 4 or less punched or 10 or less perforated vision slats are required in a SeceuroShield 38 Built-on shutter the maximum width increases to 4000 mm.

SLAT

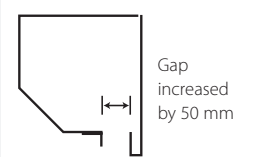


Punched 44% vision (picture shows polycarbonate glazing).

Perforated 18% vision 5 mm dia. 35 holes per 100 mm of slat.

Glazing available.

BOX LID



Box lids over 2000 mm are reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and modified to allow for deflection of the curtain.

STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES



THIS PRODUCT CAN BE POWDER COATED
Please note: Colour references on standard product are a guide only and will not match powder coated finish.

Stainless Steel shutter available.
Please contact your Account Manager for a quotation.



Punched or Perforated (With Glazing)

Width including guide rails (mm)

◀ 60 mm axle, ▶ 70 mm axle

▶ Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

Height including shutter box (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
1000	129	140	150	164	180	192	201	216	227	239	253	263	281	292	301	314	327	342	353	366	379
1100	140	153	167	184	198	209	225	238	253	263	285	294	307	323	333	349	362	376	392	403	422
1200	158	176	193	205	225	239	255	270	289	301	321	333	350	366	384	396	415	433	445	462	478
1300	173	192	205	226	242	258	280	294	309	327	348	362	380	395	415	435	449	466	485	502	518
1400	196	211	232	248	268	292	308	327	348	366	386	403	425	442	462	480	502	519	542	557	576
1500	203	227	246	267	289	308	330	350	372	392	411	435	451	473	495	517	538	553	574	598	616
1600	226	246	270	294	314	336	362	386	407	431	450	475	497	519	543	566	588	610	631	655	677
1700	239	261	289	309	333	356	384	407	433	453	478	502	526	548	573	598	618	646	670	694	717
1800	258	288	309	334	362	388	415	441	466	494	518	545	571	595	618	649	672	696	725	749	776
1900	270	300	326	353	380	408	437	462	489	518	546	572	599	626	655	678	705	734	763	787	816
2000	288	312	345	372	399	431	454	486	512	545	572	599	628	657	685	716	741	770	799	829	858
2100	300	327	356	388	422	449	478	507	541	570	598	628	658	686	717	747	776	807	835	869	898
2200	321	350	384	415	445	478	508	543	573	608	637	670	697	732	765	796	829	862	892	923	958
2300	331	366	396	435	463	501	530	566	598	631	665	696	730	765	796	831	863	898	929	964	995
2400	352	387	424	454	494	527	564	598	632	669	702	739	773	809	843	877	915	949	984	1018	1056
2500	366	400	440	475	511	547	585	618	658	694	730	766	803	838	876	913	949	984	1022	1057	1096
2600	386	425	462	502	542	576	615	655	694	732	770	809	846	880	923	964	1001	1041	1077	1117	1156
2700	396	440	478	518	554	598	637	677	717	758	796	835	876	915	958	995	1035	1073	1114	1156	1194
2800	422	460	502	545	587	628	670	707	751	794	835	877	918	963	1003	1047	1087	1125	1166	1213	1255
2900	443	488	534	576	625	669	715	758	802	843	889	933	978	1023	1067	1112	1157	1201	1246	1288	1331
3000	478	526	573	618	670	717	765	812	862	905	958	1003	1051	1098	1147	1194	1243	1289	1336	1383	1433
3100	511	564	614	665	717	766	817	871	918	972	1022	1072	1122	1175	1223	1276	1327	1378	1426	1482	1533
3200	546	599	655	705	763	816	872	924	979	1034	1087	1144	1195	1250	1304	1359	1417	1467	1524	1577	1633
3300	576	635	694	749	809	869	923	980	1041	1096	1156	1213	1270	1326	1383	1440	1502	1556	1613	1673	1729
3400	611	671	732	794	855	915	978	1036	1098	1159	1219	1282	1341	1404	1465	1528	1587	1648	1709	1767	1829
3500	643	705	772	835	901	965	1028	1095	1158	1220	1286	1352	1417	1481	1542	1608	1672	1733	1798		
3600	677	742	812	878	946	1013	1084	1154	1218	1286	1354	1421	1489	1554	1621	1689	1759	1827			
3700	707	778	851	923	992	1066	1133	1209	1279	1350	1420	1490	1561	1632	1705	1772	1842				
3800	742	817	892	965	1041	1114	1187	1263	1336	1412	1485	1559	1635	1709	1782	1858					
3900	776	855	932	1009	1087	1162	1243	1318	1400	1474	1551	1630	1708	1785	1862						



Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
1000	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1568	1609	1637	1671	1704	1733	1764
1100	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1554	1589	1617	1655	1689	1728	1756	1810	1845
1200	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1581	1626	1664	1704	1733	1772	1827	1864	1899
1300	1551	1551	1551	1551	1551	1551	1551	1551	1554	1601	1637	1671	1710	1756	1810	1845	1881	1919	1964	2001	2036
1400	1551	1551	1551	1551	1551	1551	1551	1581	1617	1664	1704	1743	1798	1845	1881	1929	1964	2012	2044	2091	2141
1500	1551	1551	1551	1551	1551	1551	1589	1637	1678	1728	1764	1838	1872	1919	1964	2012	2055	2091	2141	2183	2248
1600	1551	1551	1551	1551	1551	1589	1637	1678	1728	1791	1838	1881	1929	1972	2020	2066	2111	2157	2219	2275	2319
1700	1551	1551	1551	1551	1568	1617	1671	1716	1772	1838	1891	1936	1990	2036	2091	2141	2194	2263	2314	2366	2414
1800	1551	1551	1554	1609	1655	1710	1764	1838	1881	1936	1983	2044	2091	2145	2194	2275	2319	2379	2420	2478	2532
1900	1551	1551	1601	1655	1710	1764	1838	1891	1948	2001	2055	2111	2166	2219	2291	2358	2402	2460	2511	2566	2632
2000	1551	1601	1664	1716	1782	1838	1913	1972	2029	2091	2145	2212	2282	2338	2402	2467	2523	2577	2632	2696	2759
2100	1568	1637	1689	1756	1748	1891	1956	2020	2078	2141	2194	2275	2338	2391	2460	2511	2577	2640	2696	2787	2896
2200	1617	1671	1733	1810	1881	1948	2012	2078	2141	2199	2282	2345	2414	2478	2532	2595	2667	2722	2813	2915	2987
2300	1655	1716	1782	1856	1936	2001	2066	2141	2199	2263	2345	2420	2484	2549	2612	2674	2750	2842	2943	3017	3081
2400	1678	1756	1819	1913	1972	2036	2111	2174	2248	2328	2391	2467	2538	2604	2667	2729	2834	2943	3004	3081	3150
2500	1728	1791	1864	1956	2020	2091	2166	2240	2328	2391	2467	2532	2612	2674	2750	2851	2956	3023	3093	3081	3243
2600	1756	1827	1913	1990	2066	2130	2199	2306	2379	2440	2511	2584	2659	2729	2834	2943	3017	3087	3158	3169	3398
2700	1791	1864	1956	2036	2111	2183	2258	2358	2428	2502	2584	2659	2729	2842	2943	3023	3093	3180	3251	3237	3488
2800	1838	1929	2001	2085	2166	2240	2338	2420	2491	2566	2648	2722	2834	2949	3023	3102	3188	3258	3423	3495	3582
3000	2117	2219	2314	2391	2484	2584	2667	2759	2842	2934	3017	3158	3251	3333	3414	3508	3684	3762	3853	3934	4024
3200	2212	2291	2386	2478	2584	2674	2769	2857	2949	3072	3188	3279	3375	3462	3634	3724	3827	3917	4005	4091	4194
3400	2282	2386	2478	2595	2696	2787	2877	2977	3102	3225	3323	3414	3519	3698	3799	3894	3991	4091	4182	4271	4384
3600	2358	2460	2557	2674	2775	2877	2977	3102	3243	3343	3443	3543	3724	3827	3928	4024	4136	4239	4316	4540	4650
3800	2428	2532	2659	2759	2868	2967	3102	3237	3343	3455	3553	3746	3853	3963	4066	4164	4286	4483	4594	4693	4804
4000	2491	2625	2729	2842	2956	3061	3225	3333	3455	3562	3754	3862	3982	4091	4200	4308	4531	4639	4748	4854	4969

← 60 mm axle, → 70 mm axle

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

Maximum shutter height including box for each box size

165 mm

180 mm

205 mm

250 mm

Please note

This product is not available with punched or perforated slats

SPECIAL LPCB RESTRICTIONS

A SeceuroShield 3801 must be supplied with either a lock in the bottom slat or a pair of bullet locks attached to the guide rails. The price shown includes a lock in the bottom slat. The surcharge for upgrading to bullet locks in place of the bottom slat lock is **£38.05**

SeceuroShield 3801 is available with a manual override. The manual override handle must only be operated from the inside of the building. (Not included in the price shown).

The validity of the LPCB certification is contingent upon each shutter being installed in accordance with the requirements of LPS 1175. Details available on request.

Minimum Width 900 mm
Minimum Height 900 mm
Maximum Width 3000 mm
Maximum Height 4000 mm



All approved shutters must carry a label detailing the manufacturer, test standard and rating.



KEY:

	Window or Door
	Window or Door with anti-drop brake

ANTI-DROP BRAKE

When required a surcharge of **£135.48** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£144.61** must be added to the appropriate shutter price – see page 25.

Overview of SeceuroShield 3801

COMMON APPLICATIONS

Domestic, retail and commercial properties requiring an above average level of security.

CONSTRUCTION

SeceuroShield 3801 uses a double skin extruded aluminium slat fitted with anti-vandal windlocks.

Bottom Slat

Extruded aluminium with steel reinforcing angle. Supplied with a lock in the bottom slat unless bullet locks are requested (**£38.05** surcharge applies) see page 18 for details. The locks must be disengaged before operating the shutter or the motor will be damaged.

Shutter Box

Steel end plates with two piece roll formed aluminium box.

Guide Rails

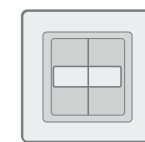
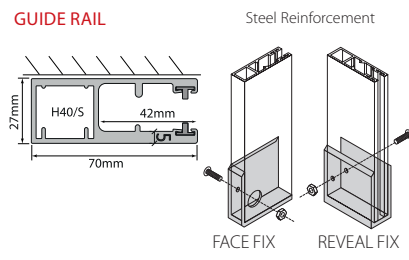
H40/S high security guides reinforced with steel sections at the base.



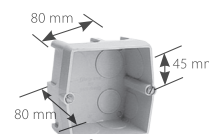
SWITCHES

All electric shutters are supplied with rocker switch as standard unless another control device is requested. Upgrade to the Inis Uno single pole switch for **£7.50 net**.

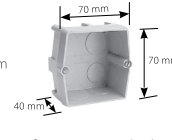
Switches are supplied "hold to run" for safety.



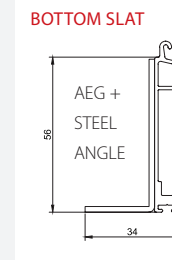
Somfy Inis Uno switch, Single Pole



Somfy Inis Surface Box, White



Somfy Inis Mounting Box



Accessories - For applicable accessories and components see pages 18-27 & 42-50

STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

Brilliant White (RAL 9016)	Black (RAL 9005)	Brown (RAL 8014)	Cream (RAL 1015)



THIS PRODUCT CAN BE POWDER COATED
See page 64

Please note: Colour references on standard product are a guide only and will not match powder coated finish.



Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	626	665	732	797	877	946	1012	1080	1148	1221	1289	1400	1465	1665	1735	1812
1200	695	741	832	912	989	1067	1148	1230	1312	1388	1496	1597	1675	1874	1960	2042
1400	723	817	905	992	1080	1174	1262	1349	1457	1548	1635	1743	1832	2053	2144	2237
1600	789	901	995	1095	1201	1298	1397	1519	1613	1713	1812	1948	2044	2263	2366	2472
1800	861	964	1067	1181	1288	1420	1524	1630	1735	1858	1963	2092	2199	2426	2537	2648
2000	1056	1179	1309	1432	1581	1705	1827	1952	2102	2218	2341	2478	2599	2848	2974	3100
2200	1119	1255	1397	1531	1688	1825	1957	2102	2247	2386	2519	2661	2798	3050		
2400	1166	1320	1459	1630	1771	1917	2072	2221	2365	2510	2651	2805	2947			
2600	1231	1397	1570	1728	1878	2047	2210	2365	2519	2668	2835	2991				
2800	1308	1470	1662	1826	2001	2174	2341	2504	2668	2844						

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

all axles 70 mm

Minimum width for Spring Loaded shutters:
Less than or equal to 1900 mm in height = **755 mm**.
Greater than 1900 in height = **965 mm**.

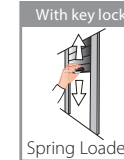
Maximum shutter height including box for each box size

205 mm

250 mm

SECOND SPRING
When required a surcharge of **£54.67** must be added to the appropriate shutter price.

Type of Operation:



KEY:

	Window or Door
	Window or Door with second spring
	Window only – cannot be a door

Overview of SeceuroShield 60

COMMON APPLICATIONS

Higher security on shop fronts and vulnerable office/commercial applications wherever special colours are required.

CONSTRUCTION

Curtain Slat

SeceuroShield 60 uses a double walled aluminium slat.

Bottom Slat

Extruded aluminium with reinforcing angle.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of 75 kg upwards) will be supplied with zinc plated steel end plates.

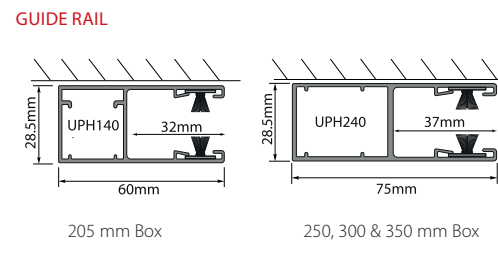
Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density pile brush seals. UPH140 guides supplied with 205 mm box, UPH240 guides supplied with 250, 300 and 350 mm box. UPH250 recommended on wider shutters and for shutters requiring higher security with 250, 300 or 350 mm box.

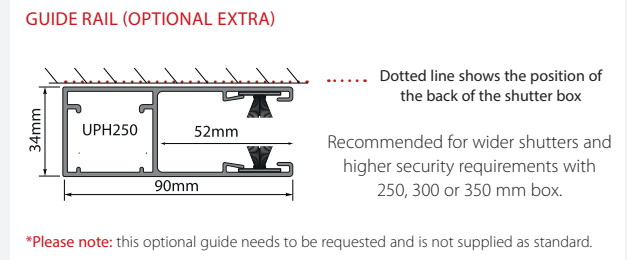
SLAT



GUIDE RAIL



GUIDE RAIL (OPTIONAL EXTRA)



STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

Brilliant White (RAL 9016)	Black (RAL 9005)	Brown (RAL 8014)	Cream (RAL 1015)

Please note: Colour references on standard product are a guide only and will not match powder coated finish.



THIS PRODUCT CAN BE POWDER COATED
See page 64



Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000
1000	941	983	1054	1122	1193	1263	1334	1405	1473	1542	1612	1681	1755	1825	1894	1966	2281	2353	2426	2498	2573	2643	2719	2790	2858	2935
1200	1012	1063	1147	1223	1308	1386	1467	1550	1630	1711	1791	1872	2033	2112	2195	2277	2526	2609	2695	2774	2858	2944	3029	3108	3191	3276
1400	1037	1124	1217	1308	1397	1485	1570	1664	1755	1841	1929	2097	2187	2277	2365	2452	2712	2805	2896	2991	3082	3175	3265	3356	3447	3536
1600	1106	1210	1308	1410	1508	1608	1710	1810	1987	2088	2187	2284	2388	2487	2611	2711	3190	3301	3408	3521	3629	3737	3845	3955	4475	4339
1800	1162	1272	1380	1489	1598	1708	1813	1997	2110	2217	2324	2431	2566	2673	2781	2890	3377	3492	3611	3729	3844	3961	4242	4359	4804	4594
2000	1356	1481	1605	1731	1858	1983	2185	2314	2436	2564	2692	2837	2966	3089	3359	3488	3619	3746	3869	4161	4294	4419	4548	4679	4804	4931
2200	1420	1554	1689	1828	1966	2181	2317	2452	2591	2750	2888	3026	3158	3335	3578	3717	3855	4154	4298	4438	4576	4710	4852	4995	5326	5463
2400	1469	1612	1759	1904	2125	2274	2418	2563	2731	2877	3021	3167	3349	3493	3746	4054	4200	4352	4500	4646	4792	4941	5278	5426	5573	5721
2600	1533	1688	1844	2080	2236	2390	2546	2727	2883	3037	3193	3385	3543	3711	4125	4286	4444	4599	4757	4919	5269	5426	5582	5743	5902	6059
2800	1601	1765	1932	2175	2342	2511	2703	2868	3034	3200	3406	3585	3753	3917	4344	4511	4684	4851	5215	5380	5555	5721	5889	6059	7024	7209
3000	1673	1852	2104	2281	2460	2643	2842	3020	3207	3421	3608	3786	3961	4397	4575	4755	4932	5304	5483	5664	5841	6024	6978	7170	8149	8364
3200	1740	1929	2194	2382	2577	2789	2974	3160	3398	3596	3784	3969	4160	4602	4795	5175	5366	5558	5748	5938	6479	7090	8059	8282	8508	8953
3400	1806	2082	2280	2480	2709	2907	3102	3350	3549	3760	3957	4156	4358	4810	5204	5409	5609	5803	6012	6531	7115	8158	8394	8846	9083	
3600	1859	2143	2349	2564	2796	2999	3252	3462	3682	3886	4094	4301	4676	5165	5370	5582	5793	6003	6493	7124	7361	8623	8869			
3800	1927	2218	2436	2691	2906	3122	3384	3616	3832	4053	4268	4653	4870	5370	5592	5812	6293	6486	6979	7426	7674	8953				
4000	1977	2281	2514	2767	2992	3261	3489	3724	3953	4178	4566	4795	5303	5532	5757	6309	6794	6965	7205	8221	8477					
4200	2117	2358	2603	2862	3097	3382	3629	3867	4106	4344	4744	5260	5500	5741	6163	6813	7009	7244	8059							
4400	2185	2431	2712	2960	3252	3500	3761	4011	4256	4668	4919	5448	5698	5948	6566	7183	7395	8215								
4600	2483	2749	3073	3335	3636	3907	4214	4484	4779	5126	5393	5875	6243	6517	7115	7388	8158									
4800	2781	3061	3430	3708	4021	4308	4668	4955	5292	5579	5867	6302	6794	7081	7361	8198										
5000	2864	3158	3534	3832	4160	4455	4825	5171	5473	5773	6072	6517	7024	7311	7611	8460										

Maximum shutter height including box for each box size

205 mm

This will require 250 mm

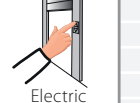
250 mm

This will require 300 mm

300 mm

350 mm

Type of Operation:

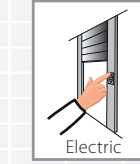


Electric

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

SeceuroDrive: 30 mm Box Extension
Somfy: 30 mm Box Extension
4"16 gauge, 4"10 gauge, 5"10 gauge

Type of Operation:



Minimum Width For Shutters:
Non-Override – 660 mm
Override – 710 mm
RTS Non-Override – 810 mm
RTS Override – 850 mm

Alternative Somfy motor available at a surcharge of **£36.00 net**

KEY:

Window or Door
Window or Door with anti-drop brake
Window and Door anti-drop surcharge

ANTI-DROP BRAKE

When required a surcharge of **£159.84** must be added to the appropriate shutter price.

Window and Door anti-drop surcharge **£255.74**

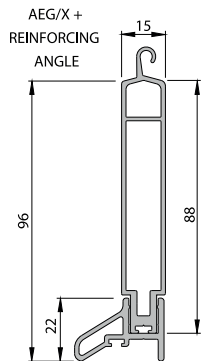
MANUAL OVERRIDE

To add the option of manual override a surcharge of **£144.61** must be added to the appropriate shutter price – see page 25.

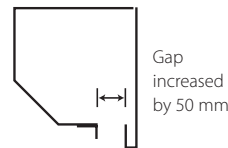
Overview of SeceuroShield 60

Accessories – For applicable accessories and components see pages 18-27 & 42-50

BOTTOM SLAT



BOX LID



Box lids over 4600 mm
All box lids over 4600 mm wide are reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and modified to allow for deflection of the curtain.

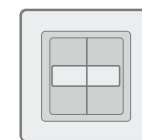
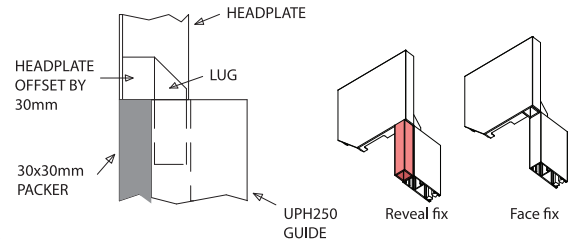
SWITCHES

All electric shutters are supplied with rocker switch as standard unless another control device is requested. Upgrade to the Inis Uno single pole switch for **£7.50 net**.

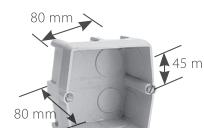
Switches are supplied "hold to run" for safety.

BOX EXTENSION

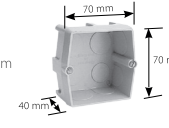
A box extension is required on built-on SeceuroShield 60 shutters when; **SeceuroDrive:** curtain weight exceeds 149 kg on a 4" axle and when a 5" axle is needed, **Somfy:** when the curtain weight exceeds 172 kg on a 4" axle and 134 kg on a 5" axle. The projection is just 30 mm for face fixed shutters. If the shutter is reveal fixed the gap is made up using a 30 mm packer, as shown in the illustration. The overall width used when pricing and ordering shutters with box extensions is the overguide width (not including the box extension or 30 mm packer). If you are in any doubt please contact your trade sales Account Manager.



Somfy Inis Uno switch, Single Pole



Somfy Inis Surface Box, White



Somfy Inis Flush Mounting Box

Width including guide rails (mm)

Maximum recommended size for windy areas (see page 60 for further details on wind loading)

Box lids over this width may suffer some deflection

Maximum shutter height including box for each box size

Height including shutter box (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400
1000	970	1007	1063	1111	1166	1230	1292	1372	1421	1481	1539	1601	1657	1706	1765	1828	1891	1955	2098	2163	2221	2286	2350
1200	1000	1063	1133	1201	1266	1352	1413	1502	1570	1616	1677	1742	1788	1858	2006	2080	2150	2220	2291	2365	2436	2510	2581
1400	1041	1118	1201	1278	1360	1426	1528	1581	1705	1742	1806	1870	1908	2041	2117	2196	2275	2353	2428	2506	2609	2691	2767
1600	1125	1218	1308	1413	1507	1581	1672	1758	1845	1927	2004	2088	2166	2258	2344	2431	2523	2634	2723	2813	2898	2991	3080
1800	1179	1278	1389	1490	1565	1662	1758	1852	1942	2025	2112	2200	2282	2376	2495	2591	2688	2780	2877	2974	3103	3200	3299
2000	1220	1343	1450	1539	1644	1742	1845	1942	2029	2161	2260	2362	2491	2595	2702	2806	2915	3021	3160	3270	3377	3490	3598
2200	1278	1397	1519	1609	1724	1832	1935	2025	2119	2297	2410	2521	2695	2803	2920	3036	3190	3306	3436	3549	3665	3784	3901
2400	1352	1481	1588	1705	1812	1935	2048	2144	2240	2436	2551	2666	2836	2960	3128	3249	3383	3513	3634	3760	3883	4011	4132
2600	1450	1533	1665	1782	1932	2069	2205	2339	2504	2641	2774	2924	3061	3237	3375	3519	3651	3789	3928	4063	4199	4495	4628
2800	1502	1616	1739	1867	2029	2173	2318	2475	2640	2787	2933	3128	3271	3427	3576	3718	3863	4012	4154	4460	4608	4755	4901
3000	1549	1705	1812	1948	2111	2262	2425	2598	2753	2907	3107	3263	3427	3582	3736	3888	4045	4198	4508	4665	4819		
3200	1648	1755	1891	2029	2191	2362	2543	2705	2868	3080	3241	3408	3575	3736	3900	4060	4376	4543	4701	4869	5030		
3400	1724	1839	2048	2213	2394	2597	2775	2937	3160	3221	3402	3576	3746	3917	4089	4419	4592	4761	4932				
3600	1731	1928	2206	2402	2607	2828	3028	3222	3471	3682	3875	4073	4269	4469	4841	5038	5233	5433					
3800	1804	2092	2303	2506	2746	2951	3158	3416	3627	3843	4050	4256	4463	4848	5054	5263	5470						
4000	1872	2243	2388	2603	2872	3072	3288	3613	3767	3977	4194	4409	4799	5018	5231	5450							

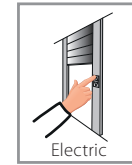
Minimum Width For Shutters:
Non-Override – 660 mm
Override – 710 mm
RTS Non-Override – 810 mm
RTS Override – 850 mm

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

All fluted axes 100 mm

Alternative Somfy motor available at a surcharge of £36.00 net

Type of Operation:



Minimum Width For Shutters
Non-Override
660 mm
Override
710 mm

KEY:

	Window or Door
	Window or Door with motor and spring
	Window only – cannot be a door

ANTI-DROP BRAKE

NO SURCHARGE

Please note: There is no surcharge required for an anti-fall back device.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£144.61** must be added to the appropriate shutter price – see page 25.

Overview of SeceuroShield 77

COMMON APPLICATIONS

Ideal for single or double insulated garage doors. High security domestic shutters, medium security office entrance doors and external shopfronts. Wider sizes are designed for internal applications only making them ideal for use as room dividers, etc. Mix with SeceuroVision 800 for partial vision through the shutter if required.

CONSTRUCTION

Curtain Slat

SeceuroShield 77 uses a double walled foam filled aluminium slat.

Bottom Slat

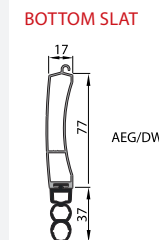
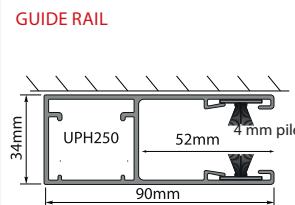
Extruded aluminium with rubber bottom seal.

Shutter Box

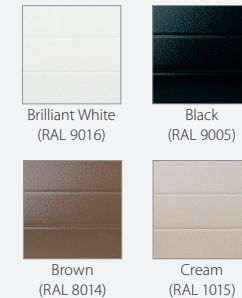
Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of approx. 75 kg upwards) will be supplied with zinc plated steel end plates.

Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 4 mm pile brush seals. UPH250 guides supplied as standard.



BOTTOM SLAT, BOX & GUIDES



Please note:

Colour references on standard product are a guide only and will not match powder coated finish. Darker coloured double doors that are exposed to significant direct sunlight may be susceptible to expansion which may interfere with the operation of the door.

Boxes and guides are supplied in White, Brilliant White, Black, Brown or Cream at no extra charge.

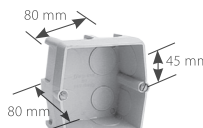
SWITCHES

All electric shutters are supplied with rocker switch as standard unless another control device is requested. Upgrade to the Inis Uno single pole switch for **£7.50 net**.

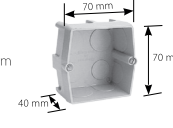
Switches are supplied "hold to run" for safety.



Somfy Inis Uno switch, Single Pole



Somfy Inis Uno Surface Box, White



Somfy Inis Uno Flush Mounting Box

Width including guide rails (mm)

Height including shutter box (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	585	646	713	774	839	901	943	1007	1069	1127	1131	1217	1278	1336	1400	1455
1200	657	733	809	900	975	1034	1085	1159	1243	1317	1326	1412	1496	1564	1637	1709
1400	715	799	898	983	1069	1131	1205	1285	1367	1450	1496	1567	1651	1729	1810	1890
1600	770	877	974	1067	1162	1243	1311	1404	1507	1601	1637	1716	1809	1906	1994	2085
1800	841	963	1069	1178	1292	1372	1450	1565	1668	1771	1819	1920	2020	2117	2218	2319
2000	934	1056	1175	1302	1421	1512	1611	1728	1841	1957	2028	2119	2236	2344	2460	2568
2200	992	1120	1259	1385	1513	1626	1724	1842	1980	2109	2181	2274	2390	2511	2632	2750
2400	1050	1187	1331	1469	1621	1728	1828	1975	2110	2244	2320	2419	2546	2674	2803	2811
2600	1194	1358	1513	1678	1838	1956	2083	2234	2383	2533	2626	2729	2876	3021	3041	3197
2800	1262	1434	1604	1780	1949	2078	2212	2369	2532	2695	2792	2907	2941	3100	3257	

Maximum shutter height including box for each box size
250 mm
300 mm

Minimum width for Spring Loaded shutters: 755 mm. ← all axles 70 mm

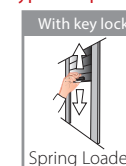
► Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

ANTI-DROP BRAKE
NO SURCHARGE
Please note: There is no surcharge required for an anti-fall back device.

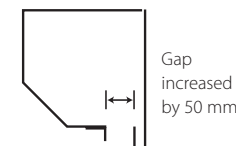
KEY:

	Window
	Door
	Window with second spring
	Door with second spring

Type of Operation:



BOX LID



Box lids over 4600 mm

All box lids over 4600 mm wide are reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and modified to allow for deflection of the curtain.

Overview of SeceuroShield 77

Accessories – For applicable accessories and components see pages 18-27 & 42-50

STOCK COLOURS



Standard box and guide colours are White, Brilliant White, Cream, Brown & Black. Alternative matching colours are available for a surcharge, see page 64.

Please note:

References quoted are the nearest standard RAL or BS references to the colours used. They will not be an exact match and are intended as a guide only.

Darker coloured double doors that are exposed to significant direct sunlight may be susceptible to expansion which may interfere with the operation of the door.

Woodgrain colours are foiled on white or brown as standard.

VISION SLATS – SECEUROVISION 800

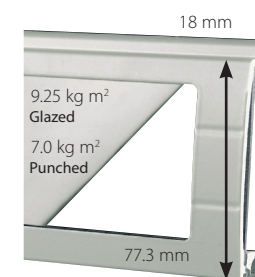
Vision can be added by including SeceuroVision 800 slats in the shutter curtain. SeceuroVision 800 uses a single skin extruded and punched aluminium slat which is also available with polycarbonate glazing strips (pictured right). Polycarbonate strips can be clear or frosted.

Punched Slat 7.0 kg m²
Punched & Glazed 9.25 kg m²
58.5% Vision

Price per linear metre punched **£14.69**
Price per linear metre punched & glazed **£18.49**

Please note:
There are 13 slats per metre of shutter height.

OPTIONAL SECEUROVISION 800 SLAT





Spring & Lock Operation Partially or Fully Punched (No Glazing)

Width including guide rails (mm)

Height including shutter box (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	777	825	915	998	1100	1188	1271	1362	1447	1544	1630	1762	1848	2093	2186	2281
1200	871	932	1048	1155	1256	1412	1456	1569	1676	1773	1908	2037	2141	2384	2493	2605
1400	908	1037	1153	1263	1377	1500	1613	1724	1863	1982	2096	2237	2609	2624	2746	2866
1600	1001	1146	1271	1402	1540	1670	1798	1957	2087	2215	2343	2514	2832	2921	3060	3195
1800	1092	1229	1373	1518	1665	1826	1969	2106	2251	2408	2547	2715	3141	3291	3332	3976
2000	1331	1496	1669	1826	2026	2184	2346	2511	2687	2859	3019	3200	3597	3671	3838	
2200	1422	1602	1787	1963	2172	2348	2526	2716	2907	3088	3265	3457	3815	3956		
2400	1492	1689	1878	2097	2287	2478	2682	2879	3069	3260	3447	3652				
2600	1579	1793	2028	2229	2435	2655	2871	3078	3280	3489	3700	3911				
2800	1676	1895	2141	2360	2594	2824	3045	3263	3489	3717						

► Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

Minimum width for Spring Loaded shutters:
Less than or equal to **1850 mm** in height = **755 mm**.
Greater than **1850 mm** in height = **965 mm**.

◀ all axles 70 mm

SOLID PROFILE
Solid profile slat is available as a no cost option.

Maximum shutter height including box for each box size
250 mm
300 mm

SECOND SPRING
When required a surcharge of **£56.31** must be added to the appropriate shutter price.

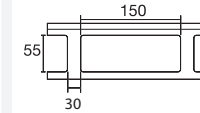
Type of Operation:



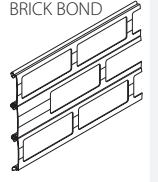
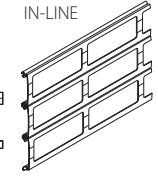
KEY:

- Window or Door
- Window or Door with second spring
- Window only – cannot be a door

SLAT



IN-LINE



STANDARD

COST OPTION

Shutters are supplied with in-line pattern as standard. Brick bond is available at a surcharge of **£1.73** per linear metre x number of slats. Shutters with a brick bond pattern require more time to manufacture – please check availability before ordering.



Glazing Surcharge

Width including guide rails (mm)

Height including shutter box (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000
1000	73	90	105	119	130	151	163	176	191	206	220	238	251	267	282	293	306	330	343	355	369	384	396	414	424	445
1200	96	112	129	151	165	184	205	220	239	260	278	293	310	337	349	369	387	407	421	445	462	475	501	520	533	549
1400	121	143	168	191	217	239	266	288	308	338	358	384	409	429	456	475	504	526	548	576	598	621	647	670	695	719
1600	138	165	192	220	249	278	303	337	358	387	415	445	468	501	524	549	580	609	640	658	690	719	746	773	799	828
1800	165	198	235	267	300	337	366	396	429	466	501	528	565	597	629	658	697	730	762	797	828	860	893	926	962	993
2000	184	220	260	293	337	369	407	445	475	520	549	589	626	658	700	734	773	809	850	884	919	956	993	1032	1070	1104
2200	205	241	284	330	366	407	446	484	526	566	609	648	686	730	772	809	853	890	929	972	1011	1048	1093	1135	1172	1216
2400	234	278	322	369	415	462	511	549	598	647	690	734	783	828	878	919	966	1011	1059	1104	1152	1196	1245	1289	1331	1380
2600	260	306	359	414	466	520	566	620	670	723	773	825	879	926	983	1032	1085	1135	1184	1238	1289	1339	1389	1445	1498	1548
2800	278	337	387	445	501	549	609	658	719	773	828	884	939	993	1047	1104	1160	1216	1269	1325	1380	1438	1492	1548	1603	1656
3000	303	366	423	484	545	609	670	730	791	853	911	972	1036	1093	1155	1216	1273	1335	1396	1455	1516	1579	1638	1694	1763	1822
3200	322	387	451	520	580	647	708	773	835	904	966	1032	1094	1160	1223	1289	1348	1418	1482	1548	1612	1677	1741	1801	1866	1932
3400	343	412	472	543	614	681	748	816	884	955	1022	1092	1158	1226	1293	1363	1433	1500	1565	1634	1703	1770	1840	1907	2057	
3600	369	445	520	589	658	734	809	884	956	1032	1104	1177	1253	1325	1400	1470	1548	1617	1690	1765	1842	1912	1988			
3800	387	466	521	620	697	773	853	926	1004	1085	1160	1238	1315	1389	1462	1548	1614	1694	1779	1852	1932	2007				
4000	415	501	580	658	746	828	911	993	1074	1160	1245	1325	1406	1492	1572	1656	1741	1822	1905	1988	2068					
4200	434	521	603	695	781	865	954	1038	1122	1210	1300	1383	1468	1557	1642	1730	1819	1902	1988	2074						
4400	462	549	647	734	828	919	1011	1104	1196	1289	1380	1470	1565	1656	1747	1842	1932	2027								
4600	475	576	670	765	860	956	1048	1147	1247	1339	1438	1532	1628	1722	1820	1912	2007									
4800	511	609	708	809	911	1011	1111	1216	1317	1418	1516	1617	1721	1822	1921	2027										
5000	524	629	733	838	943	1047	1155	1259	1368	1462	1572	1679	1786	1888	1991	2097										

► Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

◀ 70 mm axle 100 mm collars
► 4" 16 gauge axle

SeceuroDrive: 30 mm Box Extension

Somfy: 30 mm Box Extension.
For further details see page 62.

► 4" 10 gauge axle

► 5" axle

KEY:

- Window or Door
- Window or Door with anti-drop brake
- Window and Door anti-drop surcharge **£255.74**

Maximum shutter height including box for each box size
250 mm
300 mm
350 mm

SURCHARGE

Prices shown are a surcharge which must be added to the appropriate shutter price.



Maximum recommended size for windy areas
(see page 60 for further details on wind loading)

Width including guide rails (mm)

Height including shutter box (mm)

250 mm

300 mm

350 mm

Maximum shutter height including box for each box size

KEY:

SOLID PROFILE

MANUAL OVERRIDE

ANTI DROP BRAKE SURCHARGE

Please note:

Box extension

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

70 mm axle 100 mm collars

4"10 gauge

4"16 gauge

4"10 gauge

5" gauge

SeceuroDrive: 30 mm Box Extension

Somfy: 30 mm Box Extension - Please refer to the table to see when a box extension is required and see page 62 for more details.

Alternative Somfy motor available at a surcharge of £36.00 net

Minimum Width For Shutters:
Non-Override - 660 mm
Override - 710 mm
RTS Non-Override - 810 mm
RTS Override - 850 mm

Electric

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000
1000	1155	1204	1294	1385	1474	1565	1652	1745	1833	1921	2017	2104	2191	2282	2370	2463	2548	2637	2729	2821	2915	3007	3101	3194	3287	3381
1200	1249	1317	1226	1528	1633	1734	1843	1949	2053	2156	2261	2365	2566	2670	2775	2768	3190	3295	3404	3509	3617	3731	3835	3940	4050	4156
1400	1286	1518	1518	1636	1748	1864	1983	2099	2220	2335	2545	2659	2775	2889	3009	3128	3439	3563	3677	3800	3919	4040	4158	4278	4397	4519
1600	1382	1642	1642	1779	1908	2038	2172	2303	2526	2658	2787	2925	3054	3186	3350	3476	4058	4198	4348	4490	4634	4773	4913	5056	5196	5537
1800	1451	1597	1742	1881	2028	2171	2312	2548	2691	2837	2979	3126	3295	3435	3582	3729	4315	4469	4620	4774	4930	5077	5428	5583	5734	5888
2000	1688	1855	2024	2184	2352	2514	2775	2941	3105	3271	3434	3626	3792	3959	4294	4463	4633	4803	4966	5332	5498	5663	5835	6002	6175	6341
2200	1779	1960	2136	2320	2500	2775	2953	3133	3318	3527	3710	3888	4069	4294	4597	4780	4966	5344	5529	5714	5893	6082	6261	6446	6615	7039
2400	1845	2038	2229	2420	2706	2899	3090	3284	3503	3694	3891	4081	4317	4512	4831	5220	5415	5601	5802	6000	6191	6386	6806	7003	7202	7399
2600	1933	2141	2348	2649	2858	3067	3272	3504	3718	3924	4131	4385	4592	4811	5324	5537	5744	5956	6165	6379	6813	7027	7240	7450	7660	7871
2800	2024	2238	2463	2778	3001	3222	3472	3694	3919	4138	4407	4645	4864	5085	5619	5841	6069	6287	6745	6968	7191	7420	7645	7871	8633	8873
3000	2122	2358	2687	2925	3154	3404	3666	3904	4151	4435	4681	4917	5158	5697	5939	6176	6417	6881	7120	7361	7603	7839	8572	8825	9612	9885
3200	2209	2457	2803	3049	3314	3592	3845	4088	4398	4661	4913	5167	5417	5975	6223	6708	6965	7216	7471	7724	8058	8667	9497	9775	10338	10618
3400	2294	2649	2913	3179	3489	3747	4017	4332	4598	4882	5150	5416	5682	6248	6745	7015	7282	7550	7820	8166	8510	9497	10050	10344	10646	
3600	2365	2739	3013	3299	3608	3885	4216	4498	4784	5062	5344	5625	6092	6709	6990	7270	7551	7831	8244	8607	8908	10169	10479			
3800	2452	2838	3131	3461	3749	4045	4391	4700	4991	5285	5574	6059	6355	6985	7281	7578	7908	8212	8667	8987	9965	10591				
4000	2532	2929	3238	3568	3875	4239	4538	4856	5162	5466	5965	6273	6908	7220	7527	7922	8267	8596	8921	9903	10532					
4200	2711	3031	3362	3710	4024	4402	4735	5052	5371	5697	6212	6866	7185	7512	7831	8267	8607	8949	9946							
4400	2798	3132	3503	3842	4226	4561	4909	5243	5576	6108	6443	7108	7450	7786	8138	8491	8830	9848								
4600	2895	3237	3606	3949	4354	4728	5073	5417	5756	6248	6586	7120	7556	7895	8239	8916	9454									
4800	2995	3343	3711	4056	4481	4891	5233	5583	5935	6386	6736	7134	7665	8005	8341	9344										
5000	3090	3448	3842	4272	4644	5068	5423	5779	6267	6622	6979	7585	7942	8299	9311	9665										

Overview of SeceuroShield 800

COMMON APPLICATIONS

Designed to provide the see-through protection demanded by many local authorities for high streets and modern shopping centres. Suitable for internal or selected external applications the combination of solid and punched slats achieve optimum strength while delivering up to 62% vision. Optional 1.5 mm polycarbonate inserts further enhance security on external installations. Alternative uses include bar/kiosk and commercial applications where permanent vision is required.

CONSTRUCTION

Curtain Slat

SeceuroVision 800 uses a single walled extruded and punched aluminium slat. Solid slats are always used within the shutter box, part of a solid slat may be visible on a completely punched curtain.

Bottom Slat

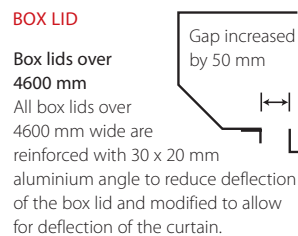
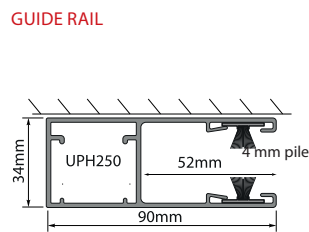
Extruded aluminium with rubber bottom seal.

Shutter Box

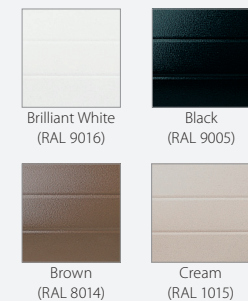
Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of approx. 75 kg upwards) will be supplied with zinc plated steel end plates.

Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 4 mm pile brush seals. UPH250 guides supplied as standard.



STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES



Please note: Colour references on standard product are a guide only and will not match powder coated finish.

Please note: SeceuroVision 800 shutters with polycarbonate over 3600 mm in width are fitted with two vertical strips of spacers. These run the full length of the curtain to cushion the slats as they coil up and are visible from the concave side of the shutter.

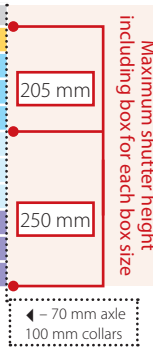


Spring & Lock Operation 150 mm Spacing

Width including guide rails (mm)

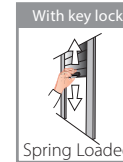
	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	712	791	867	946	1026	1097	1171	1253	1335	1416	1499	1694	1730	1763	1845	1936
1200	798	893	985	1094	1188	1259	1325	1413	1515	1605	1616	1721	1822	1909	1993	2127
1400	869	976	1094	1198	1306	1380	1462	1566	1670	1766	1822	1912	2008	2106	2206	2303
1600	939	1071	1184	1304	1418	1515	1597	1710	1834	1951	1991	2094	2205	2326	2433	2545
1800	1027	1172	1304	1437	1572	1676	1766	1909	2035	2161	2215	2341	2463	2583	2708	2829
2000	1142	1283	1435	1586	1731	1844	1965	2103	2247	2384	2471	2585	2745	2859	2995	3131
2200	1206	1368	1532	1689	1846	1982	2096	2248	2417	2571	2658	2769	2913	3062	3207	3355
2400	1275	1446	1622	1793	1977	2103	2227	2411	2572	2732	2832	2948	3105	3261	3420	3429
2600	1455	1656	1845	2052	2238	2383	2540	2719	2902	3086	3201	3404	3505	3678	3711	3896
2800	1537	1748	1955	2172	2371	2527	2695	2889	3086	3284	3398	3544	3586	3784	3973	4161

Height including shutter box (mm)



SECOND SPRING
When required a surcharge of **£56.31** must be added to the appropriate shutter price.

Type of Operation:

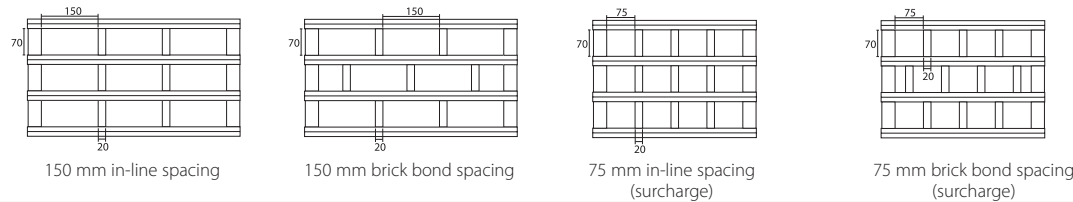


KEY:

Yellow	Window or Door
Light Blue	Window or Door with second spring
Dark Blue	Window only – cannot be a door

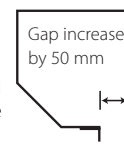
Minimum width for Spring Loaded shutters:
Less than or equal to **2450 mm** in height = **755 mm**.
Greater than **2450 mm** in height = **965 mm**.

SLAT CONFIGURATION OPTIONS



BOX LID

All box lids are cut-back and reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and to allow for deflection of the curtain.

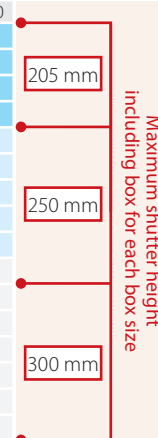


75 mm Spacing Surcharge (Spring & Lock or Electric Operation)

Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
1000	68	77	94	107	119	130	143	160	170	184	196	213	227	238	249	266	278	290	303	317	334
1200	77	96	114	127	141	160	175	191	206	223	238	252	271	284	300	317	337	349	366	381	396
1400	94	114	129	148	168	184	205	223	240	260	278	295	310	337	351	370	387	409	423	445	462
1600	107	127	148	169	191	213	235	252	275	295	317	341	358	381	399	421	445	466	484	509	527
1800	119	141	168	191	217	238	262	284	306	337	356	381	406	424	451	472	502	524	543	569	593
2000	130	160	184	213	238	266	290	317	347	370	396	421	450	472	504	527	554	580	609	635	657
2200	143	175	205	235	262	290	319	349	378	409	435	466	493	524	549	580	610	642	664	697	724
2400	160	191	223	252	284	317	349	381	414	445	472	509	537	569	602	635	663	697	730	759	792
2600	170	206	240	275	306	347	378	414	447	479	517	548	581	618	652	685	722	756	791	823	858
2800	184	223	260	295	337	370	409	445	479	520	554	591	629	663	700	735	777	810	852		
3000	196	238	278	317	356	396	435	472	517	554	593	635	674	712	750	792	830				
3200	213	252	295	341	381	421	466	509	548	591	635	677	719	759	799	847					
3400	227	271	310	358	406	450	493	537	581	629	674	719	762	806	853						
3600	238	284	337	381	424	472	524	569	618	663	712	759	806	856							
3800	249	300	351	399	451	504	549	602	652	700	750	799	853								
4000	266	317	370	424	472	527	580	635	685	735	792	847									

Maximum height for spring and lock shutters



SPACING SURCHARGE
Prices shown are a surcharge which must be added to the appropriate shutter price.

KEY:

Yellow	Window or Door
Light Blue	Window or Door with second spring if spring & lock, or anti-drop brake if electric operation)
Dark Blue	Window only – cannot be a door

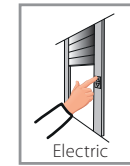




Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
1000	1177	1228	1294	1359	1428	1505	1573	1677	1731	1807	1878	1951	2026	2074	2153	2227	2304	2381	2671	2774	2865
1200	1220	1294	1384	1459	1544	1645	1725	1825	1917	1971	2051	2125	2177	2260	2448	2538	2623	2710	2873	2969	3068
1400	1267	1364	1459	1557	1665	1742	1858	1922	2074	2125	2203	2280	2328	2486	2583	2680	2775	2870	3144	3252	3371
1600	1378	1485	1592	1725	1834	1922	2038	2140	2251	2345	2444	2546	2637	2753	2859	2965	3105	3214	3322	3429	3536
1800	1438	1557	1693	1820	1909	2029	2140	2254	2367	2471	2574	2686	2780	2895	3040	3155	3496	3630	3759	3924	4050
2000	1489	1636	1766	1878	2001	2125	2251	2367	2474	2633	2756	2877	3040	3163	3294	3424	3695	3835	3986	4125	4264
2200	1557	1699	1847	1964	2097	2231	2359	2471	2590	2802	2937	3071	3284	3420	3560	3698	3890	4029	4189	4326	4549
2400	1645	1807	1936	2074	2210	2359	2496	2614	2725	2974	3116	3252	3458	3611	3806	3960	4125	4278	4429	4582	4972
2600	1766	1866	2031	2173	2356	2517	2687	2854	3055	3218	3386	3564	3734	3945	4112	4286	4455	4617	4836	5222	5399
2800	1825	1971	2118	2274	2474	2648	2827	3013	3217	3394	3569	3806	3986	4179	4356	4536	4712	5064	5236		
3000	1887	2074	2210	2370	2573	2757	2953	3166	3359	3544	3790	3978	4179	4369	4553	4741	5123				
3200	2007	2136	2304	2474	2671	2876	3101	3298	3496	3749	3949	4156	4354	4553	4807	5097					
3400	2097	2243	2496	2702	2921	3165	3391	3582	3857	3925	4147	4356	4569	4988	5444						
3600	2106	2350	2691	2932	3175	3447	3687	3930	4233	4486	4728	4966	4988	5005							
3800	2202	2550	2805	3060	3350	3602	3854	4165	4419	4683	4937	5191	5444								
4000	2282	2726	2910	3171	3503	3742	4011	4405	4595	4847	5113	5330									

Type of Operation:



KEY:

	Window or Door
	Window or Door with anti-drop brake

ANTI-DROP BRAKE

When required (as shown above) a surcharge of **£159.84** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£144.61** must be added to the appropriate shutter price – see page 25.

4"16 GAUGE

For all shutters requiring 4"16 gauge, a 250 mm box will be supplied as standard.

Alternative Somfy motor available at a surcharge of **£36.00** net

Overview of SeceuroShield 900

COMMON APPLICATIONS

Internal use only on shopfronts. Very tight coiling makes SeceuroVision 900 particularly suitable for bar/kiosk and commercial applications where permanent vision is required.

CONSTRUCTION

Curtain

SeceuroVision 900 is constructed from a combination of extruded aluminium links and hinge section. Link spacing is 150 mm in line as standard, however a brick bond pattern (no surcharge), 75 mm spacing (surcharge) and solid slat profile (surcharge) are also available.

Bottom Slat

Extruded aluminium with reinforcing angle and no seal.

Shutter Box

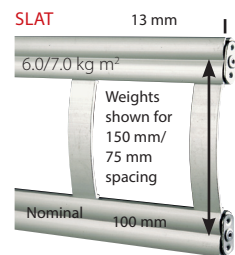
Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of approx. 75 kg upwards) will be supplied with zinc plated steel end plates.

Guide Rails

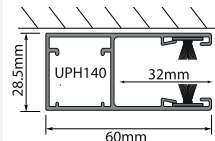
Extruded aluminium with box section for fixing / reinforcement and high density 4 mm or 7 mm pile brush seals. UPH140 guides supplied with 205 mm box, UPH240 guides supplied with 250 and 300 mm box. UPH250 recommended on wider shutters and for shutters requiring higher security with 250 or 300 mm box.



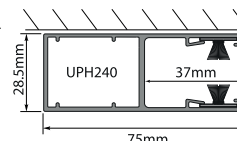
THIS PRODUCT CAN BE POWDER COATED
See page 64



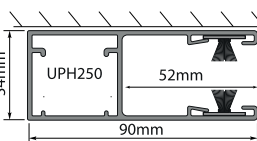
GUIDE RAIL



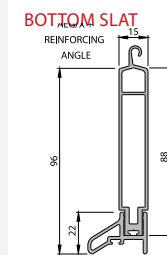
205 mm Box



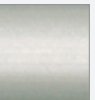
250 & 300 mm Box



Recommended for wider shutters and higher security requirements with 250 or 300 mm box.

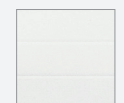


STOCK COLOURS FOR CURTAINS AND BOTTOM SLATS



Silver Anodised

BOX & GUIDES



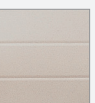
Brilliant White (RAL 9016)



Black (RAL 9005)



Brown (RAL 8014)

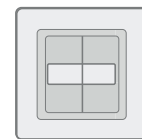


Cream (RAL 1015)

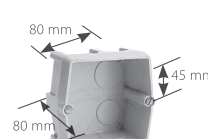
SWITCHES

All electric shutters are supplied with rocker switch as standard unless another control device is requested. Upgrade to the Inis Uno single pole switch for **£7.50 net**.

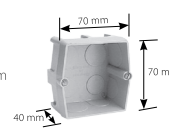
Switches are supplied "hold to run" for safety.



Somfy Inis Uno switch, Single Pole



Somfy Inis Surface Box, White



Somfy Inis Inis Flush Mounting Box

To comply with current health and safety legislation, electrically operated shutter(s) must be monitored throughout operation. If this is not possible a safety device must be fitted. Due to the risk of entrapment in an open shutter or grille, control should only be by a momentary key switch. Remote or automatic control of any form requires a dedicated risk assessment and appropriate safety features e.g. photo cells at the top and bottom of the shutter on the risk side(s).

Please note:

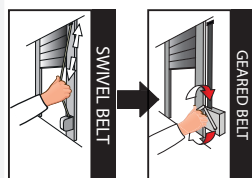
Colour references on standard product are a guide only and will not match powder coated finish.

Where curtain is powder coated it will be done so when assembled.

Surcharge

Surcharge per solid slat **£12.50** per linear metre.

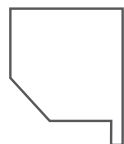
General Shutter Accessories



Geared Belt Winder Upgrade

An optional extra where the standard operation is by swivel belt winder only. Includes the required winding handle

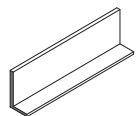
Code: YACCS G.BELT
Each **£48.13**



Larger Box Size

Optional when a shutter box needs to be increased for aesthetic reasons.

Code: YACCS BOX
Each **£28.87**



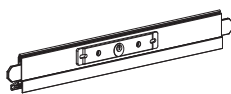
30 mm x 20 mm x 3 mm Aluminium Angle

Utilised as either cill angle or a closure angle. Stock colours: white, brown and mill finish. Stocked in 6 m lengths.

Mill finish YBS300E0
Per metre **£14.25**

White YBS300E1
Per metre **£14.25**

Mid Brown YBS300E2
Per metre **£14.25**

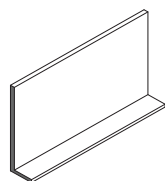


Key Lock In Bottom Slat

Included in the price of all spring and lock shutters. Available as keyed different (maximum of 50 different locks) or as keyed alike. Supplied with 2 keys as standard, additional blank keys can be ordered (see components page 44 for details). This price is for the lock fitted in a bottom slat and includes a lock cover plate (for the barrel side of the lock) and locking bars required.

Code: YACCS KEYLOCK
Each **£75.78**

Lock Cover
Code: YBS021L0
Each **£13.55**



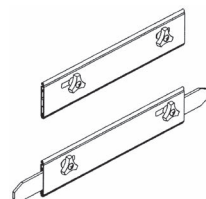
75 mm x 25 mm x 3 mm Aluminium Angle

Utilised as a larger alternative to 30 mm x 20 mm. Stock colours: white, brown and mill finish. Stocked in 6 m lengths.

Mill finish YBS700E0
Per metre **£19.81**

White YBS700E1
Per metre **£19.81**

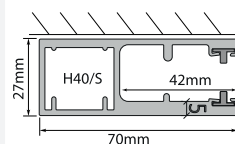
Mid Brown YBS700E2
Per metre **£19.81**



Shoot Bolts In Bottom Slat

Also available in place of a bottom slat key lock for bars and serveries, etc.

Code: YACCS S.BOLT
Each **£75.78**



H40/S Guide Surchage

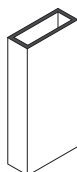
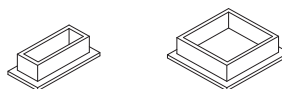
Where additional security is required (available for SeceuroShield CD150/T and SeceuroShield 38 only). Wind end locks will be fitted to the curtain as standard when this option is selected. See page 47 for specifications.

Code: YACCS H40/S
Each Pair **£86.59**

Packing End Caps

50 x 20 mm End Caps (Black)
BS519E0 **£1.39 each**

50 x 50 mm End Caps (Black)
BS519E5 **£1.39 each**



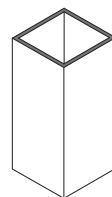
50 mm x 20 mm x 3 mm Aluminium Packing Box Section

Used to pack shutters off the wall by 20 mm. Stock colours: white, brown and mill finish. Stocked in 6.5 m lengths.

Mill finish YBS520E0
Per metre **£26.36**

White YBS520E1
Per metre **£26.36**

Mid Brown YBS520E2
Per metre **£26.36**



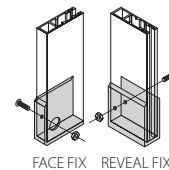
50 mm x 50 mm x 3 mm Aluminium Packing Box Section

Used to pack shutters off the wall by 50 mm. Stock colours: white, brown and mill finish. Stocked in 6.5 m lengths.

Mill finish YBS550E0
Per metre **£33.00**

White YBS550E1
Per metre **£33.00**

Mid Brown YBS550E2
Per metre **£33.00**



Steel Reinforcement Plates

For use with H40/S guide rails only. Supplied as standard with SeceuroShield 3801. Available as an optional extra with SeceuroShield 38 at a surcharge. Available to suit either face fitted or reveal fitted guide rails. State clearly your requirement.

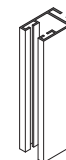
Code Reveal fit: YGU00101
Each Pair **£58.00**

Code Face fit: YGU00102
Each Pair **£58.00**

U30 "U" Channel

Normally used as a catch rail at the bottom of SeceuroShield CD150/T and SeceuroShield 38 instead of cill angle. The bottom slat must have a rubber seal fitted.

Code: YACCS U30
Per metre **£19.92**



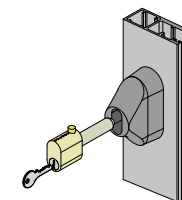
Guide Rail Bullet Locks

Where additional security is required. Suitable for H40/S, UPH 240 & UPH 250 guide rails only. The default height for the centre of the bullet lock pin is approximately 195 mm from the base of the guide. This height puts the pin in the centre of a CD38 slat. The position is adjusted for the other slat profiles to ensure the pin is in the centre of a slat. If you require the bullet lock in a different position you must specify this on your order. Bullet locks on foam filled curtains should be in the bottom slat or an extruded slat placed in the curtain at appropriate height. The bullet locks are self tapped from the rear of the guide. Available as keyed alike or as keyed different. 2 keys supplied per bullet lock. Additional keys are not available.

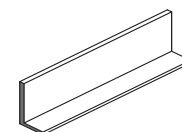
Code: YACCS BULLET
Each Pair **£122.67**

Upgrade from bottom slat lock to a pair of bullet locks

Code: YACCS BULLET U/G
Each Pair **£38.05**



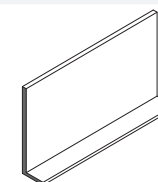
Surcharge for powder coating angles and packing box section applies see page 64.



50 mm x 50 mm x 3 mm Electroplate Galvanised Steel Angle.

Available in white, brown or galvanised.

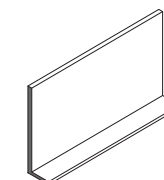
Code: YCS403S0
Per metre **£25.42**



75 mm x 50 mm x 3 mm Electroplate Galvanised Steel Angle.

Available in white, brown or galvanised.

Code: YCS402S0
Per metre **£29.98**



76 mm x 50 mm x 5 mm Electroplate Galvanised Steel Angle.

Available in white, brown or galvanised.

Code: YCS410S0
Per metre **£44.74**



Bespoke Box Sections and Angles

BESPOKE SECTIONS

3mm Thick Manufactured Box Sections (per m)			
Total in mm of 4 sides combined	Bespoke Sizes	Aluminium	Mild Steel
100	Up to 25 x 25 or similar	£66.57	£67.69
200	Up to 50 x 50 or similar	£75.91	£85.61
300	Up to 75 x 75 or similar	£100.18	£103.54
400	Up to 100 x 100 or similar	£116.98	£121.46
500	Up to 125 x 125 or similar	£133.78	£139.38
600	Up to 150 x 150 or similar	£150.59	£157.30

3mm Thick Manufactured Angles (per m)			
Total in mm of 2 sides combined	Developed Sizes i.e Flat	Aluminium	Mild Steel
50	Up to 25 x 25 or similar	£58.17	£58.73
100	Up to 50 x 50 or similar	£66.57	£85.61
150	Up to 75 x 75 or similar	£74.97	£76.65
200	Up to 100 x 100 or similar	£83.38	£85.61
250	Up to 125 x 125 or similar	£91.77	£94.57
300	Up to 150 x 150 or similar	£100.18	£103.54

3mm Thick Strips/Plates (per m)			
Developed Sizes i.e Flat	Aluminium	Steel	
Up to 50 mm wide	POA	POA	
Up to 100 mm wide	POA	POA	
Up to 150 mm wide	POA	POA	
Up to 200 mm wide	POA	POA	
Up to 300 mm wide	POA	POA	

STANDARD SECTIONS

Standard Sections (per m)		
Standard Sizes Box Sections	Aluminium	Mild Steel
25 x 25 x 3mm	£66.57	£67.69
30 x 30 x 3mm	£72.95	£55.26
40 x 40 x 3mm	Not available	£57.99
50 x 50 x 3mm	£91.77	£64.22
75 x 75 x 3mm	£100.18	Not available
100 x 100 x 3mm	£116.98	Not available
100 x 100 x 4mm	Not available	£91.10
50 x 25 x 3mm	£80.54	£53.47
75 x 50 x 3mm	£107.90	£94.57
100 x 50 x 3mm	£128.74	£97.08

Please note: All bespoke steel box sections and angles are supplied in mild steel and will require galvanising or powder coating. If supplied as part of a shutter order, the item can be powder coated FOC. If supplied as component items, usual powder coating surcharges will apply. For galvanising, please raise a POA with Customer Services who will be able to assist further. All sections over 2.5m will be joined together with a weld. Prices quoted here are for a 1m piece.

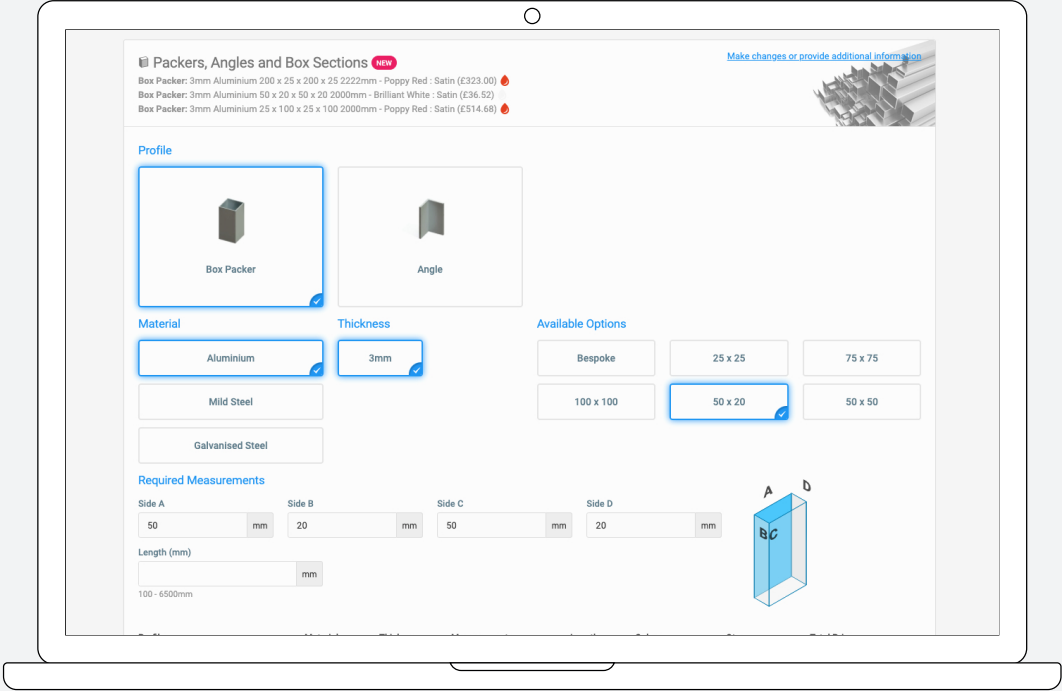
Online Box Section and Angle Configurator

The new online box section and angle configurator provides an instant price for any bespoke size of box section or angle up to 5m in length.

Step 1. Choose your profile and material

Step 2. Select from popular sizes or choose bespoke

Step 3. Enter your measurements, then choose your finish



LOGIN TO SWS ONLINE

Removable Guide Rails and Sloping Bottom Slats

Removable Guide Rails

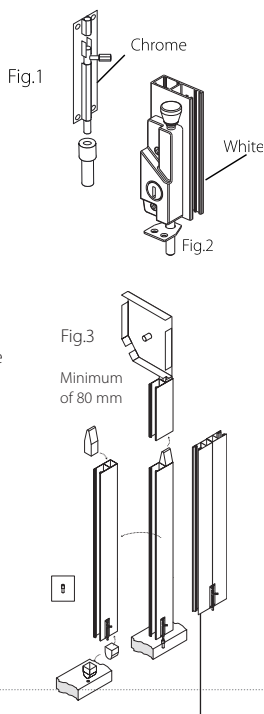
Removable Centre Rails

Appropriate on bar and servery applications with 2+ shutters where the opening needs to be clear. The top of each removable guide rail locates into a matching 80 mm length which is permanently fixed to its end plate during manufacture (Fig.3). The bottom of each rail is secured using a chrome bolt which is supplied loose along with a recessed 40 mm socket and dust cap (fig.1) or by using a white or brown lockable bolt (fig.2). One bolt per pair of removable guide rails. Shutters with removable guide rails and a curtain weight of 40 kg or more will be supplied with steel end plates.

Code: YACCS REMRAILS
Each Pair **£114.42**

Removable guide rails complete with lockable shoot bolt (keyed alike) available in white or brown

Code: YACCS REMLOCK
Each Pair **£188.42**



LOWERING THE CURTAINS OPEN POSITION FOR SPRING LOADED SHUTTERS

Guide Rail Stops

Optional 'L' brackets can be attached to the guide rails which will catch the bottom slat stops when the shutter is opening.

Code: YBOTTOMSLATKIT
Price: **£35.53**

Please note this optional extra is not available for H40/S guide rails.

IMPORTANT INFORMATION REGARDING SURVEYING, ORDERING AND INSTALLING.

Must be ordered using the order form.

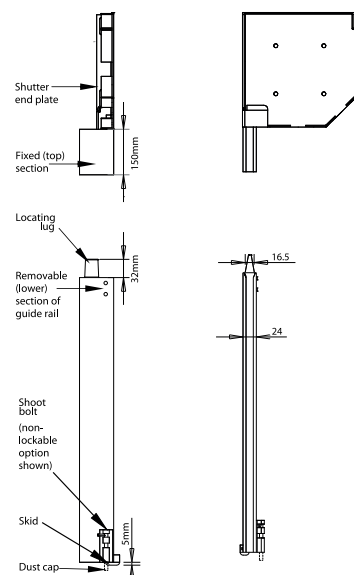
No orders will be accepted for removable guide rails unless they are ordered using the SWS UK removable guide rail order form. This will ensure you receive the products as required.

SeceuroVision shutters.

Shutters from the SeceuroVision range should be ordered with the locking bolt option in order to maintain security. This will be included by SWS UK automatically with the surcharge unless your order requests otherwise.

How will they be supplied?

Removable (lower) section of the guide rail will be supplied with the locating lug, skid and bolt attached to the guide. The fixed (top) section of guide rail will be supplied loose with the fixings required to attach it to the end plate. When attaching this section of guide rail ensure that the chamfered end of the guide rail is at the bottom. The dust caps (bar top recess) will be supplied with the top section of guide rail. Both guide rails will be supplied with skids but only one locating lug and only one shoot bolt per pair of guide rails.



Sloping Bottom Slats

IMPORTANT INFORMATION REGARDING SURVEYING AND ORDERING

Must be ordered using the order form

No orders will be accepted for sloping bottom slats unless they are ordered using the SWS UK sloping bottom slat order form. This will ensure you receive the product you require.

No bottom slat locks

Unfortunately it is not possible for us to supply a sloping bottom slat with a bottom slat lock fitted.

Rubber seal only

All sloping bottom slats will be supplied with the rubber seal used on our SeceuroGlide range. We are unable to supply a sloping bottom slat with a bottom slat reinforcing handle.

No woodgrain finish available

We are unable to supply sloping bottom slats in any of our range of woodgrain finishes.

Only AEG/X bottom slat

Unless supplied with a SeceuroGlide Compact a sloping bottom slat will always be constructed from an AEG/X bottom slat.

Please note: that this differs from the standard bottom slat supplied with SeceuroShield 77, SeceuroVision 800 and SeceuroGlide.

A sloping bottom slat for a SeceuroGlide compact will be constructed from an AEG bottom slat.

Limited guide rails

When a sloping bottom slat is required on a SeceuroShield 60 / 77 or a SeceuroVision 800 / 900 the shutter must have UPH250 (90 mm) guide rails. Please ensure that your survey has taken this into account. A SeceuroGlide requiring a sloping bottom slat can be supplied with either H75 or UPH250 guide rails. A SeceuroGlide Compact will always require UPH140 guide rails.

Maximum width

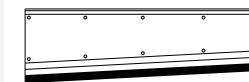
The maximum width for a sloping bottom slat is 5000 mm. This is the overall door width including guide rails.

Maximum height difference (H)

The maximum height difference (H) the sloping bottom slat can accommodate is 250 mm. When surveying you must ensure that the total height of the sloping bottom slat does not exceed the box end size for the door or you will struggle to load the curtain into the guide rails.

To obtain the total height of the sloping bottom slat you need to add the standard height of an AEG/X bottom slat (95 mm) or the standard height of an AEG bottom slat (60 mm) to your height difference (h).

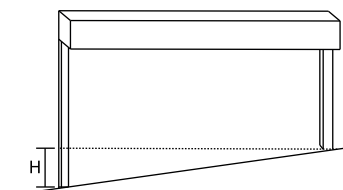
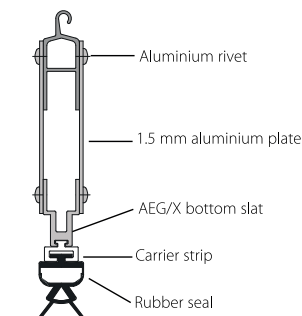
You must also ensure your customer is aware that when the door is fully open the sloping bottom slat will remain in the guide rails reducing the clear height available.



Sloping Bottom Slat

We are able to supply sloping bottom slats for SeceuroShield 60 / 77 and SeceuroVision 800 / 900 shutters. Please note the conditions listed when ordering.

Door Width
0 to 2500 mm **£370.21**
2501 to 5000 mm **£609.52**



Notes

Electrically Operated Shutter Accessories

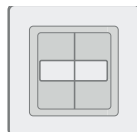


Wired Rocker Switch

Used to operate one shutter. Supplied as standard with electrically operated shutters unless another control option is ordered.

Code: [EC100S0](#)

Each: **£21.00**

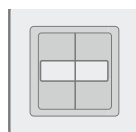


Somfy Inteo Inis Uno switch, Single Pole

Used to operate one shutter. Requires back box.

Code: [EC37200](#)

Each: **£18.72**

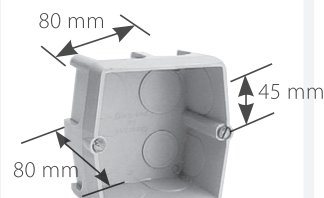


Somfy Inteo Inis Uno switch, Dual Pole

Operates two shutters simultaneously. Requires back box.

Code: [EC37301](#)

Each: **£51.75**

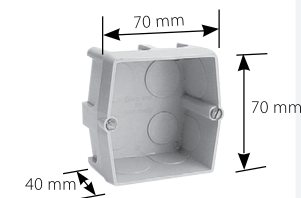


Somfy Inteo Surface Box, White

For use with Inis Uno and Inis Duo.

Code: [EC37400](#)

Each: **£6.25**

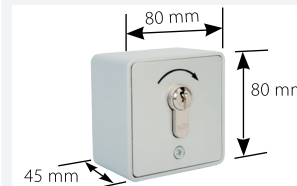


Somfy Inteo Inis Flush Mounting Box

For use with Inis Uno and Inis Duo.

Code: [EC37500](#)

Each: **£8.87**



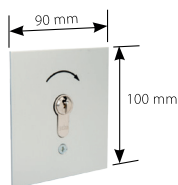
Single / Dual Pole Key Switch (Momentary)

Utilised instead of, or with a standard switch to deliver extra security, for direct switching of motor. Can operate two shutters simultaneously.

Code: [EC38102 \(Keyed Different\)](#)

Code: [EC38103 \(Keyed Alike\)](#)

Each: **£97.37**



Flush mounted face plate

Can be added to the front of the surface mounted key switch when a flush mounted key switch is required.

Code: [EC38104](#)

Each: **£8.75**



Key Switch Security Housing

Padlockable metal housing for a surface mounted key switch (padlock not included) supplied in galvanised finish, white or brown as standard.

Code: [EC36000](#)

Each: **£45.77**



Manual Override Lock (fitted)

Secures the manual override access hole on motorised shutters. Available for exit E on 205 mm box or bigger. Not available as keyed alike. Blank keys are not available.

Code: [YSGACCS1 O/R LOK](#)

Each: **£180.10**



Manual Override Lock (loose)

Secures the manual override access hole on motorised shutters. Available for exit E on 205 mm box or bigger. Not available as keyed alike. Blank keys are not available.

Code: [MT018A1](#)

Each: **£75.77**



NRG Motor Test Lead

Code: [EC40900](#)

Each: **£125.35**

Blank Keys for Single/Dual Pole Key Switch (Momentary)

Code: [EC070S0 \(Keyed Alike\)](#)

Each: **£3.64**

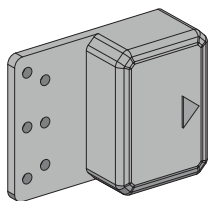
Code: [EC071S0 \(Keyed Different\)](#)

Each: **£3.04**

Note - Wiring diagrams are available. Please contact Customer Services for further details.



Electrically Operated Shutter Accessories



Rollixo Magnet (EACH)

Code: [B5680M0](#)
Each: **£33.48**

Keytis 2-Channel Transmitter

Code: EC101350
Each: **£98.65**



Transmitter Battery
2 batteries per transmitter.

Battery type CR 2016
Code: [EC36100](#)
Each **£7.17**



Rollixo Receiver
RTS

Code: [EC46000](#)
Each **£447.08**

IO

Code: [EC46002](#)
Each **£478.95**



Bottom Slat Transmitter
Code: [B5680B0](#)
Each: **£155.37**

Wireless Wallswitch 3

RTS
Code: [SG099P1](#)
Each: **£86.47**



RTS

Code: [SG099P3](#)
Each: **£86.47**



Smoove Origin
RTS 1-Channel

Code: [EC37700](#)
Each: **£71.27**



IO 1-Channel

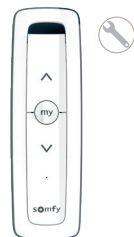
Code: [EC37702](#)
Each: **£71.27**

RTS 4-Channel

Code: [EC37704](#)
Each: **£125.87**

IO 4-Channel

Code: [EC37703](#)
Each: **£125.87**



Situio 1 RTS Pure II

Code: [EC37800](#)
Each: **£68.36**

Situio 5 RTS Pure II

Code: EC37900
Each: **£99.45**

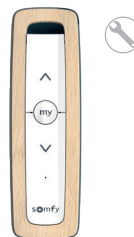


Situio 1 RTS Iron II

Code: EC37801
Each: **£133.57**

Situio 5 RTS Iron II

Code: EC37901
Each: **£134.14**

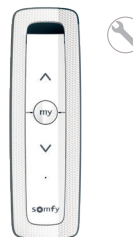


Situio 1 RTS Natural II

Code: EC37802
Each: **£139.44**

Situio 5 RTS Natural II

Code: EC37902
Each: **£178.90**



Situio 1 RTS Artic II

Code: EC37803
Each: **£139.44**

Situio 5 RTS Artic II

Code: EC37903
Each: **£178.90**

ProMate

Key product features:

- Low carbon footprint <0.5 watts
- Designed for installers without electrical qualifications
- Dynamic user interface
- Plug and play battery back-up (optional)
- Compliant to 13241-1
- Touch safe voltages for all inputs



Code: [EC25000](#)
Each **£249.74**

Power Manager Battery Back Ups

- LCD display provides clear information on
 - Battery charge status
 - Power taken from the batteries when operating the shutter
 - Power remaining in mins
- Self check alerts when the batteries need to be changed
- Display Input power from the mains
 - Voltage
 - Frequency
 - Power taken when operating the shutter
- Plug and play
- 3 models in the range from 750 watts to 1,875 watts, this will cover any single phase tubular motor on the market
- BBU cannot be used with a remote control system, it can only be used with a ProMate.



800 VA unit [EC25100](#) **£1123.14**

1100 VA unit [EC25200](#) **£1327.71**

1500 VA unit [EC25300](#) **£1601.33**

*Can only be used in conjunction with the ProMate.

Keygo 4-Channel Transmitter
RTS

Code: [EC37700](#)
Each: **£98.65**

IO

Code: [SG100P1](#)
Each: **£98.65**

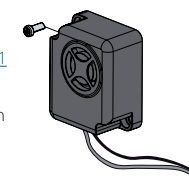


Rollixo Alarm Kit

Code: [EC41001](#)
Each: **£28.52**

Technical information

Power Supply 12Vdc
58x40x35 mm
100 dB to 1 m



Wireless radio keypad
RTS

Code: [SG101P1](#)
Each: **£160.66**

IO

Code: [SG101P2](#)
Each: **£160.66**



Rollixo Remote Control Upgrade Kit
Contains: Remote Receiver,
2 x Transmitters, 1 x Bottom Slat

Code: [EC49900](#)
Each: **£467.54**

Bottom Slat Rubber
(per Metre)

Code: [BS730B0](#)
Each: **£22.83**

Note - Wiring diagrams are available. Please contact Customer Services for further details.

SeceuroSense Shutter Accessories

Smooth White 2
Channel Transmitter

Code: [EC71102](#)

Each: **£98.83**

Smooth White 4
Channel Transmitter

Code: [EC71104](#)

Each: **£98.83**

Smooth White 4 Channel
Bi-Directional Remote

Code: [EC75004](#)

Each: **£119.17**



Smooth Black 2
Channel Transmitter

Code: [EC71202](#)

Each: **£98.83**

Smooth Black 4
Channel Transmitter

Code: [EC71204](#)

Each: **£98.83**

Smooth Black 4 Channel
Bi-Directional Remote

Code: [EC75104](#)

Each: **£119.17**



Chrome Deluxe 2 Channel
Transmitter

Code: [EC71602](#)

Each: **£112.94**



Replacement Light Bulb for Courtesy
Light

Code: [EC72500](#)

Each: **£5.81**



Dimensions: 86x86x9.5mm

Power supply 3v IP: 20

4 Channel White Wall Transmitter

Code: [EC73004](#)

Each: **£126.44**

4 Channel Black Wall Transmitter

Code: [EC73104](#)

Each: **£126.44**

4 Channel Bi-Directional Wall Switch
White

Code: [EC74004](#)

Each: **£181.67**

4 Channel Bi-Directional Wall Switch
Black

Code: [EC74104](#)

Each: **£181.67**

4 Channel Stainless Steel Cover

Code: [EC73000](#)

Each: **£52.32**



Plus 3 Channel Transmitter

Code: [EC71303](#)

Each: **£98.83**



Batteries for Transmitters Above

Code: [EC36101](#)

Each: **£7.27**



Dimensions: 225x40x20mm

Power supply 2x3.6 or 1.5v IP: 54

Bottom Slat Transmitter

Code: [EC75100](#)

Each: **£158.41**

Batteries for BST (2 Pack)

Code: [EC71101](#)

Each: **£37.79**



Lighting Strip Internal / External - 1
x1000 mm

Code: [EC76000](#)

Each: **£325.56**

Lighting Strip Internal / External - 2
x1000 mm

Code: [EC77000](#)

Each: **£427.30**

Lighting Bar Cover Extrusion 2 m

Code: [EC78000](#)

Each: **£120.63**



Alarm Kit for SeceuroSense Plus

Code: [EC72300](#)

Each: **£115.74**



Dimensions: 155x75x32mm

230v power supply IP: 54

SeceuroSense Wireless Keypad

Code: [EC70300](#)

Each: **£302.30**



Dimensions: 220x165x65mm

230v power supply IP: 20

SeceuroSense Plus Receiver Unit

Code: [EC89100](#)

Each: **£250.39**



SeceuroSense Photocell and
Reflector

Code: [EC70500](#)

Each: **£124.65**

SeceuroSense Remote Control Upgrade Kit

Contains: Remote Receiver, 2 x Transmitters,
1 x Bottom, Slat Transmitter, 1 x Pair Optical Eyes

Code: [EC69900](#)

Each: **£451.76**

Bottom Slat (Per Metre) colour or woodgrain

Code: [AEGD](#)

Per Metre: **£39.29**

Bottom Slat Rubber (Per metre)

Code: [BS730B0](#)

Per Metre: **£23.24**

To upgrade to the SeceuroSense System you will require the remote control
upgrade kit plus a new bottom slat and bottom slat rubber.

IP rated BST EXTERNAL

Code: [YSGACCS1](#)

Each: **£170.67**

Note - Wiring diagrams are available. Please contact Customer Services for further details.



SeceuroDrive Motor Sizes and Prices

Prices include mounting brackets and adapters as required.



All motors are supplied with cable 2.5 m long (1.5 m 140Nm), mounting bracket and adaptors as required.

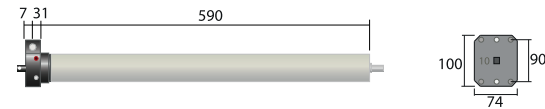
MOTOR FEATURES

- Quick set progressive limit switches.
- Quick fit adaptors and brackets.
- Multiple mounting position motor heads.
- IP protection 44.
- Integrated thermal protection.
- Integrated electro-mechanical brake.
- Run time 4 mins.
- Permanent manual override.
- Limit positions not altered by use of manual override.
- Slim motor heads.

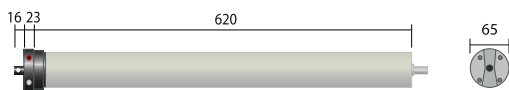
SECEURODRIVE 45S-50



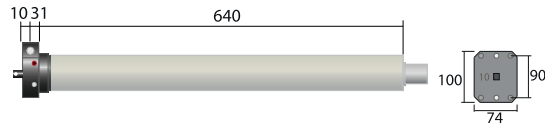
SECEURODRIVE 45M-50



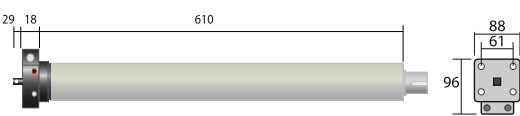
SECEURODRIVE 59S-100



SECEURODRIVE 59M-100



SECEURODRIVE 59M-140



SECEURODRIVE 92M-23/30



BATTERY BACK-UP SELECTION

Key	Unit Power	Stock Code	Price
	800VA	EC251Q0	£1123.14
	1100VA	EC252Q0	£1327.71
	1500VA	EC253Q0	£1601.33

*BBU cannot be used with a remote control system, it can only be used with a ProMate.

NON OVERRIDE MOTOR

	Code	Price
50Nm	MT950M2	£131.93
100Nm	MT900M1	£189.98

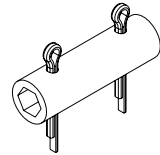
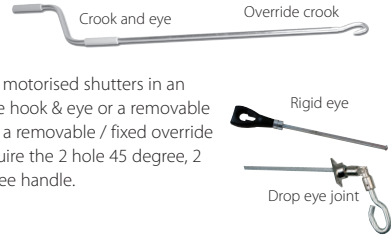
OVERRIDE MOTOR

	Code	Price
50Nm	MT950M1	£158.33
100Nm	MT900M2	£209.75
140Nm	MT914M1	£231.94
230Nm	MT923M1	£464.25

Manual Override

Used as a way of manually operating motorised shutters in an emergency. Please state if you require hook & eye or a removable / fixed override handle. If you require a removable / fixed override handle please state whether you require the 2 hole 45 degree, 2 hole 90 degree or the 4 hole 90 degree handle.

Code: YACCS OVERRIDE
Each: £144.61



7 mm - 7 mm Hexagonal Adaptor

[MT410M1](#) £7.94
(Used to extend 7 mm hexagonal override bar)
[MT411M1](#) £5.88 / 330 mm



Motor Test Lead

Code: [EC409Q0](#)
Each £125.35

Concealed override exit (white)

Code: [MT020M1](#) Price: £30.47

Concealed override exit (brown)

Code: [MT020M2](#) Price: £30.47

*Concealed override handle

Code: [GD02006](#) Price £92.51

* If purchased as a component If this override option is selected with a product, for example as the shutter override option then the handle will be included in the manual override surcharge.

Rigid Eye

Code: [MT902M2](#) Price: £10.42

Drop Eye Joint

Code: [GD02005](#) Price: £35.89

1500 Manual Over ride Crook

Code: [MT125M1](#) Price £12.73

Type	Rated Torque	Rated Voltage	Rated Frequency	Rated Power Input	Tube Diameter	Rated Current	Running Time	Rate Speed	Protection Index	Insulation Class
	(Nm)	(v)	(Hz)	(w)	(mm)	(A)	(min)	(rpm)	(IP)	
EM20M	20Nm	230v	50HZ	145w	45 mm	0.64A	4 min	15 rpm	IP44	Class H
EM30M	30Nm	230v	50HZ	191w	45 mm	0.83A	4 min	15rpm	IP44	Class H
EM40M	40Nm	230v	50HZ	198w	45 mm	0.86A	4 min	15 rpm	IP44	Class H
EM50M	50Nm	230v	50HZ	205w	45 mm	0.89A	4 min	12 rpm	IP44	Class H
EM100M	100Nm	230v	50HZ	350w	59 mm	1.55A	4 min	12 rpm	IP44	Class H
EM140M	140Nm	230v	50HZ	380w	59 mm	1.74A	4 min	9 rpm	IP44	Class H
EM523M	230Nm	230v	50HZ	830w	92 mm	3.80A	4 min	12 rpm	IP44	Class H
EM530M	300Nm	230v	50HZ	920w	92 mm	4.20A	4 min	9 rpm	IP44	Class H

Somfy Motor Sizes and Prices

NOTES FOR ALL MOTORS

- All motors are supplied with a 2.5 metre long cable as standard.
- 5 metre and 10 metre motor extension cables can be ordered (see below right)
- When ordering your motor, you will also need to order the relevant adaptors and mounting brackets, if unsure check our online motor selection tool or speak to Customer Services
- The tables shown are a simplified guide to assist motor selection and allow for collars when appropriate. During manufacture motor requirement is calculated more precisely to suit the size of the shutter which may result in a different motor being supplied to that indicated. A higher specification motor may be substituted due to stock shortage.

ALL MOTORS (EXCL. HERCULES) FEATURE:

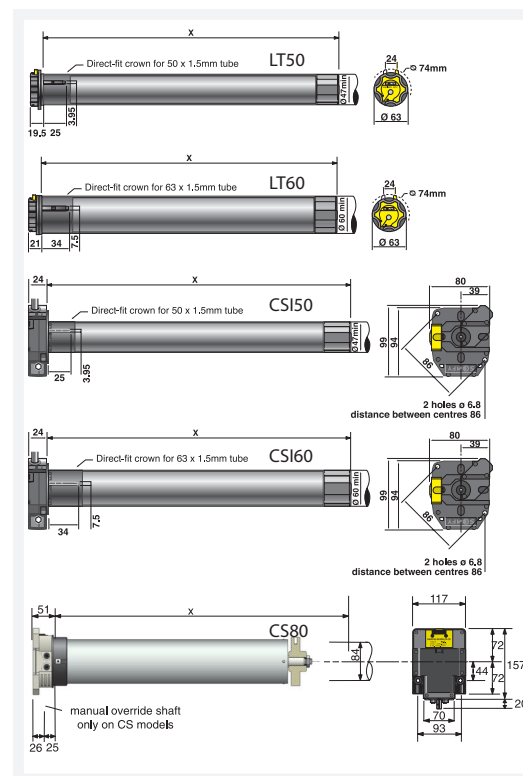
- Rapid set push button limit switches
- Clip-on drive adaptors and brackets
- Multiple mounting positions of motor head
- Standard Index of Protection rating: IP44
- Supply cable via removable connector
- Integral thermal protection
- Integral electromagnetic brake
- Continuous running time: 4 mins
- Temperature range -10°C to +40°C

MANUAL OVERRIDE MOTORS (EXCLUDING THE HERCULES RANGE) ALSO FEATURE:

- Manual operation by hand crank in the event of a power failure
- Limit positions not affected by manual drive

Hercules motors feature:

- Fitted with flexible supply cable
- Progressive limit switches
- Temperature range: -25°C to +85°C
- Standard Index of Protection rating: IP44
- Integral electromagnetic brake
- Continuous running time: 4 mins



Extension Cables

Versions for override and non-override motors

Non-Override Motors

Code: MT050M2	5 m	£24.01
Code: MT100M2	10 m	£36.69

Override Motors

Code: MT051M2 (CSI)	5 m	£24.01
Code: MT101M2 (CSI)	10 m	£36.69

MOTOR NAMES

Somfy motors will no longer be given names such as Jet and Mariner but will be referred to by their range and torque value.

What do the numbers mean?

LT50 10/12

LT or CSI – indicates whether the motor is a **non override** (LT) or an **override** (CSI) motor.

50, 60 & 80 – the number after the LT or CSI indicates the motor **series** that the motor belongs to.

10 – The next number is the **torque** value for this motor.

The larger the shutter the greater the torque value required.

12 – The final number indicates the **speed** of the motor and is the number of revolutions per minute that the motor will operate at.

NON OVERRIDE MOTOR

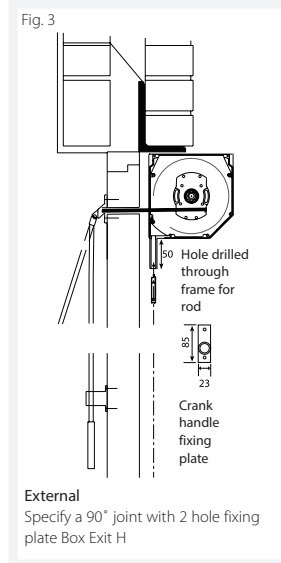
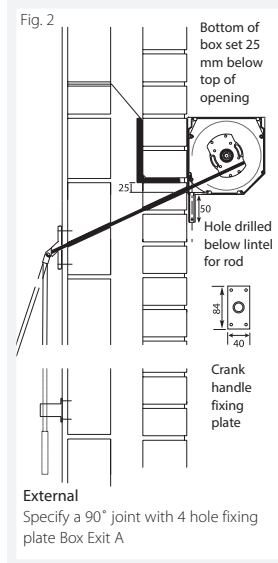
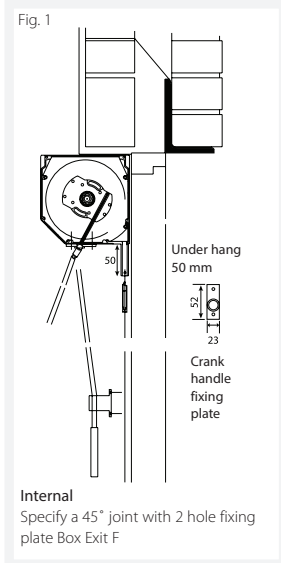
Description	Code	Price	Dim x
LT50 Jet 10/12	MT510M1	£320.59	505
LT50 Atlas 15/12	MT515M1	£348.13	525
LT50 Meteor 20/12	MT520M1	£366.18	525
LT50 Helios 30/12	MT530M1	£393.52	555
LT50 Mariner 40/12	MT540M1	£471.38	605
LT50 Vectran 50/12	MT550M1	£489.51	605
LT60 Vega 60/12	MT560M1	£562.03	614
LT60 Sirius 80/12	MT580M1	£616.41	614
LT60 Titan 100/12	MT600M1	£714.31	659

VERRIDE MOTOR

CSI50 Meteor 20/17	MT521M1	£507.65	594
CSI50 Gemini 25/17	MT525M1	£531.26	594
CSI50 Helios 30/17	MT531M1	£556.20	594
CSI50 Mariner 40/17	MT541M1	£574.91	594
CSI60 Orion 55/17	MT555M1	£630.91	640
CSI60 Vega 60/12	MT561M1	£636.38	640
CSI60 Sirius 80/12	MT581M1	£678.76	640
CSI60 Titan 100/12	MT601M1	£770.63	675
CSI60 Taurus 120/12	MT621M1	£930.12	675
LT80S CSI 150	MT650M1	£1501.07	652
LT80S CSI 200	MT420M0	£1749.08	652

VERRIDE ACCESSORIES

1100 mm manual override crook	MT110M1	£11.43
1500 mm manual override crook	MT125M1	£12.73
2000 mm manual override crook	MT200M1	£15.62
45° drop eye joint 4 hole plate	GD02005	£35.89
175 mm rigid metal override eye	MT130M1	£8.47



RADIO MOTOR SELECTION

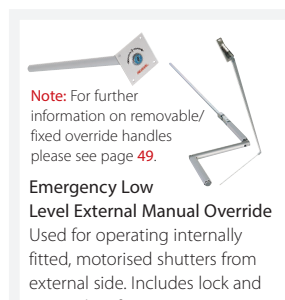
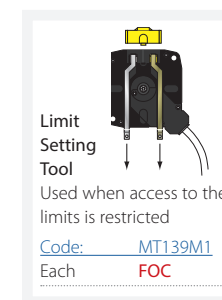
RTS range of tubular motors for window shutters.

Radio motors have been designed to ease the installation of automated shutters, providing wiring and accurate remotely set limit positions.

- Radio motors are a versatile and flexible solution, providing convenient easy-to-use features.
- Available with and without manual override facility.
- Quicker installation with no wiring to the switch position.
- Choice of remote controls.

- Opportunities for extra sales value with less work!
- Several motors can be grouped together; no group commands required.
- Powerful range of 200 m in open space and 20 m through two concrete walls.
- min width for RTS motors is 850mm

RTS motor only upgrade **£253.31** For control options see page 25. For further information, please contact your account manager.



Note - Wiring diagrams are available. Please contact Customer Services for further details.



Somfy Motor Selection



The battery backup selection guide shown below is only applicable when the shutter is operated by a hold to run switch.

BATTERY BACK-UP SELECTION

Key	Unit Power	Stock Code	Price	Must be used with a Promate (see page 25)
	800VA	EC25100	£1123.14	
	1100VA	EC25200	£1327.71	
	Please contact technical			
	Bracket	EC40700	£150.93	

SECEUROSCHILD 150/T			
Axle	Max Area m ²	Motor	Override Motor
60/70 mm	4	LT50 10/12	CSI50 20/17
60/70 mm	6	LT50 15/12	CSI50 20/17
60/70 mm	8	LT50 20/12	CSI50 20/17

SECEUROSCHILD 38			
Axle	Max Area m ²	Motor	Override Motor
60/70 mm	2	LT50 10/12	CSI50 20/17
60/70 mm	3	LT50 15/12	CSI50 20/17
60/70 mm	4	LT50 20/12	CSI50 20/17
60/70 mm	5	LT50 30/12	CSI50 25/17
60/70 mm	6	LT50 30/12	CSI50 30/17
60/70 mm	9	LT50 40/12	CSI50 40/17
60/70 mm	11	LT50 50/12	CSI60 55/17
70 mm	12	LT60 60/12	CSI60 55/17
4"	12	LT60 60/12	CSI60 80/12

SECEUROVISION 38			
Axle	Max Area m ²	Motor	Override Motor
60/70 mm	2	LT50 10/12	CSI50 20/17
60/70 mm	4	LT50 15/12	CSI50 20/17
60/70 mm	5	LT50 20/12	CSI50 20/17
60/70 mm	6	LT50 30/12	CSI50 25/17
60/70 mm	8	LT50 30/12	CSI50 30/17
60/70 mm	10	LT50 40/12	CSI50 40/17

*SeceuroVision 3800 tables are for fully punched shutters with no glazing. If the shutter has glazing fitted use the SeceuroShield 3800 table.

SECEUROVISION 3801			
Axle	Max Area m ²	Motor	Override Motor
60 mm	3	LT50 10/12	CSI50 20/17
60 mm	4	LT50 15/12	CSI50 20/17
60 mm	6	LT50 20/12	CSI50 20/17
60 mm	6.25	LT50 30/12	CSI50 25/17
70 mm	6	LT50 30/12	CSI50 30/17
70 mm	7	LT50 40/12	CSI50 40/17
70 mm	10	LT50 50/12	CSI60 55/17
70 mm	12	LT60 60/12	CSI60 60/12

SECEUROSCHILD 60			
Axle	Max Area m ²	Motor	Override Motor
70 mm	2	LT50 10/12	CSI50 20/17
70 mm	3	LT50 15/12	CSI50 20/17
70 mm	4	LT50 20/12	CSI50 20/17
70 mm	5	LT50 30/12	CSI50 25/17
70 mm	6	LT50 30/12	CSI50 30/17
70 mm	8	LT50 40/12	CSI50 40/17
70 mm	10	LT50 50/12	CSI60 55/17
70 mm	11	LT60 60/12	CSI60 55/17
70 mm	11.8	LT60 60/12	CSI60 60/12
70 mm	16	LT60 80/12	CSI60 80/12
70 mm	20	LT60 100/12	CSI60 100/12
4"	4	LT50 30/12	CSI50 30/17
4"	6	LT50 40/12	CSI50 40/17
4"	8	LT50 50/12	CSI60 55/17
4"	9	LT60 60/12	CSI60 60/12
4"	12	LT60 80/12	CSI60 80/12
4"	16	LT60 100/12	CSI60 100/12
4"	19	CSI60 120/12	CSI60 120/12
4"	20	LT80S CSI 150*	LT80S CSI 150*
5"	12	LT60 100/12	CSI60 100/12
5"	14	CSI60 120/12	CSI60 120/12
5"	18	LT80S CSI 150*	LT80S CSI 150*
5"	20	LT80S CSI 200*	LT80S CSI 200*

SECEUROSCHILD 77			
Axle	Max Area m ²	Motor	Override Motor
100 mm, 16swg, 10swg	2	LT50 10/12	CSI50 20/17
100 mm, 16swg, 10swg	4	LT50 15/12	CSI50 20/17
100 mm, 16swg, 10swg	5	LT50 20/12	CSI50 20/17
100 mm, 16swg, 10swg	7	LT50 30/12	CSI50 25/17
100 mm, 16swg, 10swg	8	LT50 30/12	CSI50 30/17
100 mm, 16swg, 10swg	11	LT50 40/12	CSI50 40/17
100 mm, 16swg, 10swg	14	LT50 50/12	CSI60 55/17
100 mm, 16swg, 10swg	15	LT60 60/12	CSI60 55/17

SECEUROVISION 90 150 mm spacing			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	2	LT50 10/12	CSI50 20/17
70 mm/4"	3	LT50 15/12	CSI50 20/17
70 mm/4"	4	LT50 20/12	CSI50 20/17
70 mm/4"	6	LT50 30/12	CSI50 25/17
70 mm/4"	7	LT50 30/12	CSI50 30/17
70 mm/4"	9	LT50 40/12	CSI50 40/17
70 mm/4"	12	LT50 50/12	CSI60 55/17
70 mm/4"	14	LT60 60/12	CSI60 60/12
70 mm/4"	16	LT60 80/12	CSI60 80/12

SECEUROVISION 80 (FULLY PUNCHED)			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	2	LT50 10/12	CSI50 20/17
70 mm/4"	3	LT50 15/12	CSI50 20/17
70 mm/4"	4	LT50 20/12	CSI50 20/17
70 mm/4"	5	LT50 30/12	CSI50 25/17
70 mm/4"	6	LT50 30/12	CSI50 30/17
70 mm/4"	8	LT50 40/12	CSI50 40/17
70 mm/4"	10	LT50 50/12	CSI60 55/17
70 mm/4"	11	LT50 50/12	CSI60 55/17
70 mm/4"	12	LT60 60/12	CSI60 60/12
70 mm/4"	16	LT60 80/12	CSI60 80/12
70 mm/4"	20	LT60 100/12	CSI60 100/12
5"	16	LT60 100/12	CSI60 100/12
5"	19	CSI60 120/12	CSI60 120/12
5"	20	LT80S CSI 150*	LT80S CSI 150*

SECEUROVISION 80 GLAZED OR SOLID			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	1.5	LT50 10/12	CSI50 20/17
70 mm/4"	2	LT50 15/12	CSI50 20/17
70 mm/4"	3	LT50 20/12	CSI50 20/17
70 mm/4"	3.8	LT50 20/12	CSI50 25/17
70 mm/4"	4	LT50 30/12	CSI50 30/17
70 mm/4"	6	LT50 40/12	CSI50 40/17
70 mm/4"	7	LT50 50/12	CSI60 55/17
70 mm/4"	8	LT60 60/12	CSI60 60/12
70 mm/4"	9	LT60 60/12	CSI60 60/12
70 mm/4"	12	LT60 80/12	CSI60 80/12
70 mm/4"	15	LT60 100/12	CSI60 100/12
70 mm/4"	18	CSI60 120/12	CSI60 120/12
70 mm/4"	20	LT80S CSI 150*	LT80S CSI 150*
5"	12	LT60 100/12	CSI60 100/12
5"	14	CSI60 120/12	CSI60 120/12
5"	18	LT80S CSI 150*	LT80S CSI 150*
5"	20	LT80S CSI 200*	LT80S CSI 200*

SECEUROVISION 90 75 mm spacing			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	2	LT50 10/12	CSI50 20/17
70 mm/4"	3	LT50 15/12	CSI50 20/17
70 mm/4"	4	LT50 20/12	CSI50 20/17
70 mm/4"	5	LT50 30/12	CSI50 25/17
70 mm/4"	6	LT50 30/12	CSI50 30/17
70 mm/4"	8	LT50 40/12	CSI50 40/17
70 mm/4"	10	LT50 50/12	CSI60 55/17
70 mm/4"	11	LT50 50/12	CSI60 55/17
70 mm/4"	12	LT60 60/12	CSI60 60/12
70 mm/4"	16	LT60 80/12	CSI60 80/12
5"	16	LT60 100/12	CSI60 100/12

SECEUROSCHILD 75 22g			
Axle	Max Area m ²	Motor	Override Motor
4"	1.4	LT50 10/12	CSI 20/17
4"	2.1	LT50 15/12	CSI 20/17
4"	2.9	LT50 20/12	CSI 20/17
4"	3.6	LT50 30/11	CSI 25/17
4"	4.3	LT50 30/12	CSI 30/17
4"	5.8	LT50 40/12	CSI 40/17
4"	7.2	LT50 50/12	CSI 55/17
4"	7.7	LT60 60/12	CSI 55/17
4"	8.6	LT60 60/12	CSI 60/12
4"	11.6	LT60 80/12	CSI 80/12
4"	14.4	LT60 100/12	CSI 100/12
4"	17.2	CSI 120/12	CSI 120/12
4"	21.6	LT80S CSI 150*	LT80S CSI 150*
4"	28.8	LT80S CSI 200*	LT80S CSI 200*
5"	6.1	LT50 50/12	CSI 55/17
5"	6.7	LT60 60/12	CSI 60/12
5"	8.9	LT60 80/12	CSI 80/12
5"	11.2	LT60 100/12	CSI 100/12
5"	13.4	CSI 120/12	CSI 120/12
5"	16.8	LT80S CSI 150*	LT80S CSI 150*
5"	22.4	LT80S CSI 200*	LT80S CSI 200*

SECEUROVISION 75 22g			
Axle	Max Area m ²	Motor	Override Motor
4"	1.8	LT50 10/12	CSI 20/17
4"	2.6	LT50 15/12	CSI 20/17
4"	3.6	LT50 20/12	CSI 20/17
4"	4.5	LT50 30/12	CSI 25/17
4"	5.4	LT50 30/12	CSI 30/17
4"	7.3	LT50 40/12	CSI 40/17
4"	9	LT50 50/12	CSI 55/17
4"	9.6	LT60 60/12	CSI 55/17
4"	10.8	LT60 60/12	CSI 60/12
4"	14.5	LT60 80/12	CSI 80/12
4"	18	LT60 100/12	CSI 100/12
4"	21.5	CSI 120/12	CSI 120/12
4"	27	LT80S CSI 150*	LT80S CSI 150*
4"	36	LT80S CSI 200*	LT80S CSI 200*
5"	7.6	CSI 55/17	CSI 55/17
5"	8.4	LT60 60/12	CSI 60/12
5"	11.1	LT60 80/12	CSI 80/12
5"	14	LT60 100/12	CSI 100/12
5"	16.8	CSI 120/12	CSI 120/12
5"	21	LT80S CSI 150*	LT80S CSI 150*
5"	28	LT80S CSI 200*	LT80S CSI 200*

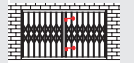
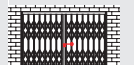
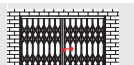
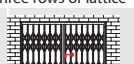

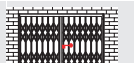


SeceuroGuard | 1000 Retractable Security Gates

For openings of less than 600 mm x 600 mm we recommend using SeceuroBar (see pages 38).



Available lock positions – only one lock per gate, indicate which position is required on the order form.

		Width (mm)										Single sash hinge aside max		All single sash gates 2 m wide and above will be supplied with split sashes																Bi-parting hinge aside max	
Height (mm)		800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700
	800	435	442	498	522	546	575	607	636	672	697	718	748	783	815	844	872	900	931	964	992	1027	1053	1075	1108	1137	1172	1199	1229	1250	1282
	900	437	458	523	549	575	613	644	679	708	740	765	797	828	863	893	920	947	981	1012	1040	1075	1108	1137	1173	1199	1232	1262	1296	1318	1354
	1000	481	512	546	575	607	644	681	713	744	775	811	841	872	902	935	969	994	1029	1059	1092	1125	1163	1199	1232	1262	1297	1331	1358	1391	1419
	1100	510	569	577	613	655	689	727	762	798	838	869	902	943	973	1009	1045	1085	1115	1150	1189	1227	1262	1300	1336	1373	1406	1442	1484	1516	1574
	1200	523	581	588	626	666	704	738	774	816	844	881	922	966	1002	1035	1075	1113	1148	1184	1229	1262	1292	1335	1373	1406	1471	1494	1531	1576	1707
	1300	549	592	626	666	708	743	775	820	864	900	941	981	1024	1059	1101	1144	1182	1225	1261	1300	1341	1381	1417	1539	1578	1617	1656	1699	1741	1761
	1400	607	655	696	742	783	820	863	902	947	992	1035	1081	1125	1172	1215	1254	1300	1343	1391	1436	1473	1545	1591	1641	1680	1723	1768	1811	1858	1903
	1500	626	674	718	765	811	852	900	941	986	1033	1081	1125	1172	1215	1254	1302	1347	1396	1440	1514	1562	1606	1651	1699	1744	1782	1829	1876	1927	1968
	1600	644	696	744	792	838	881	935	981	1027	1075	1125	1172	1215	1254	1300	1347	1402	1444	1493	1591	1616	1659	1708	1754	1806	1850	1895	1939	1996	2039
	1700	687	739	789	838	880	935	987	1035	1083	1133	1187	1233	1282	1331	1373	1424	1473	1547	1604	1651	1707	1749	1801	1850	1903	1950	1997	2046	2100	2147
	1800	721	774	828	877	934	986	1036	1091	1144	1192	1247	1300	1354	1400	1444	1522	1576	1625	1680	1733	1782	1837	1888	1939	1996	2046	2100	2156	2207	2260
	1900	762	816	870	925	986	1036	1092	1147	1195	1254	1310	1366	1419	1469	1545	1606	1659	1714	1768	1825	1880	1933	1989	2043	2093	2156	2210	2265	2318	2373
	2000	805	863	915	973	1035	1091	1147	1199	1254	1315	1375	1430	1490	1564	1629	1681	1744	1801	1857	1916	1975	2030	2085	2139	2197	2258	2321	2373	2425	2487
	2100	852	915	972	1035	1097	1156	1217	1274	1335	1398	1462	1516	1572	1658	1714	1778	1842	1897	1960	2022	2085	2143	2204	2261	2322	2376	2441	2496	2557	2624
	2200	902	969	1033	1095	1159	1227	1291	1347	1412	1478	1542	1604	1656	1770	1807	1871	1933	1999	2063	2127	2196	2258	2321	2384	2447	2504	2560	2625	2693	2833
	2300	931	993	1058	1127	1192	1256	1323	1390	1450	1518	1586	1645	1730	1806	1860	1927	1993	2056	2124	2182	2246	2318	2384	2447	2510	2571	2632	2776	2842	2910
	2400	964	1027	1090	1159	1231	1297	1358	1419	1485	1554	1654	1719	1780	1846	1908	1979	2053	2114	2177	2240	2306	2375	2447	2510	2572	2638	2780	2848	2920	2986
	2500	987	1075	1128	1192	1261	1331	1392	1462	1525	1617	1707	1730	1800	1860	1924	1993	2062	2127	2196	2261	2327	2395	2464	2528	2590	2737	2801	2871	2944	3007
	2600	1018	1090	1159	1225	1287	1357	1427	1498	1598	1667	1737	1807	1880	1939	2007	2077	2147	2216	2288	2361	2430	2504	2572	2716	2780	2848	2920	2993	3063	3135
	2700	1058	1129	1208	1277	1343	1413	1493	1591	1667	1737	1811	1883	1959	2023	2092	2169	2242	2318	2391	2459	2533	2606	2755	2831	2898	2971	3044	3115	3188	3265
	2800	1095	1178	1254	1332	1402	1473	1547	1658	1737	1811	1885	1960	2030	2104	2178	2260	2339	2414	2485	2560	2635	2788	2858	2944	3019	3097	3164	3240	3316	3395
	2900	1121	1201	1292	1370	1452	1531	1686	1766	1858	1934	2021	2100	2180	2260	2337	2422	2509	2590	2671	2752	2888	2990	3068	3152	3234	3318	3398	3477	3549	3631
	3000	1156	1236	1354	1406	1493	1564	1723	1802	1895	1974	2056	2138	2216	2296	2373	2457	2544	2629	2706	2789	2920	3025	3104	3188	3271	3357	3438	3517	3584	3664
	3100	1190	1277	1413	1444	1525	1605	1761	1837	1929	2013	2092	2173	2258	2331	2410	2494	2582	2664	2745	2828	2959	3061	3142	3223	3312	3391	3472	3552	3624	3703
	3200	1231	1310	1478	1521	1563	1643	1800	1874	1967	2046	2132	2212	2291	2368	2447	2532	2617	2699	2780	2860	2998	3100	3178	3261	3346	3428	3510	3592	3660	3738
	3300	1266	1347	1542	1574	1604	1675	1833	1914	2001	2085	2166	2246	2329	2406	2482	2568	2651	2737	2818	2898	3034	3135	3217	3300	3385	3466	3544	3631	3700	3776
	3400	1302	1390	1606	1620	1641	1712	1869	1950	2041	2124	2204	2284	2366	2442	2524	2606	2694	2772	2854	2940	3070	3171	3254	3333	3424	3506	3581	3664	3735	3813
	3500	1339	1424	1667	1669	1671	1749	1906	1984	2077	2160	2239	2322	2402	2479	2557	2641	2729	2808	2891	2971	3108	3207	3284	3373	3461	3538	3622	3703	3772	3848

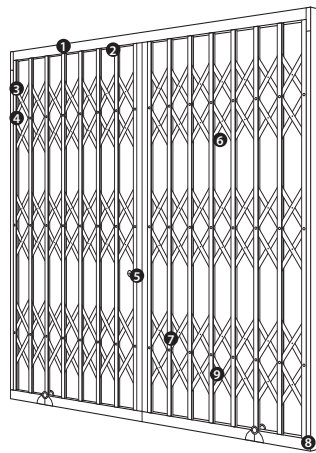
COMMON APPLICATIONS

Internal medium to high security domestic and selected commercial and retail applications. Made to measure in powder coated pre-galvanised steel.

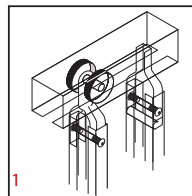
CONSTRUCTION

Lattice

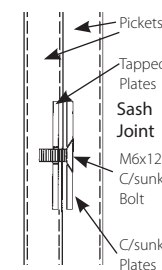
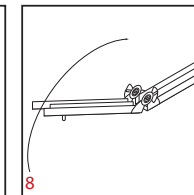
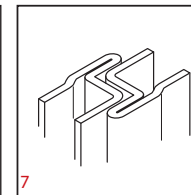
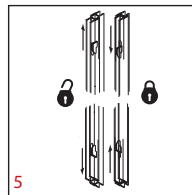
High grade steel in 'X' lattice as standard and 'S' lattice as an option. Weight 19 kg m² nominal



GENERAL ARRANGEMENT



- 1 Top hung on nylon coated steel bearings
- 2 All galvanised steel construction
- 3 Powder coating in a range of colours
- 4 Fits within or around the reveal
- 5 Multi-point locking from single key – 2 point
- 6 Strong steel lattice with smooth durable finish
- 7 Overlapped locking profiles
- 8 Optional folding bottom track
- 9 Steel rivetted lattice assembly system.



Gate Height Range (mm)	Number of lock hooks available
Above 1000	2 hooks (4 optional)
650-1000	2 hooks
501-650	1 lock hook
350-500	Fixed panel

Please note: SeceuroGuard 1000 can accommodate an unlimited width with multiple sashes. Sashes are made in single pieces up to 2 m wide. Larger sizes are made in sections for assembly on site, ensuring the weight of each section can be handled safely. Gates which are wider than 4 m will be supplied with the top track in two pieces, the split will be in the middle. Where two split sashes meet two pickets are joined together using bolts and fixing plates supplied loose (see illustration above).





LARGER WIDTHS AVAILABLE:

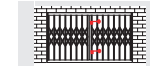
SeceuroGuard 1000 can be manufactured to suit wider openings.
Contact your Account Manager if you require a price and more details.

Height (mm) →

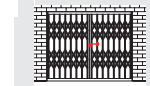
Width (mm)

All gates 4 m wide and above will be supplied with split sashes

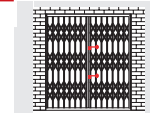
Height (mm)	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000
800	1311	1339	1365	1390	1410	1430	1452	1471	1495	1516	1539	1558	1578	1604	1617	1644	1663	1681	1708	1727	1745	1768	1790
900	1381	1412	1440	1467	1494	1518	1544	1572	1598	1621	1651	1675	1707	1728	1754	1780	1806	1833	1860	1885	1914	1934	1966
1000	1452	1484	1516	1591	1621	1656	1586	1719	1749	1780	1811	1846	1874	1906	1934	1968	1999	2030	2063	2093	2127	2160	2191
1100	1609	1647	1681	1720	1754	1792	1792	1863	1903	1934	1974	2013	2046	2085	2124	2160	2197	2234	2269	2306	2342	2376	2416
1200	1730	1764	1806	1842	1883	1928	1960	1991	2022	2054	2085	2115	2147	2178	2212	2240	2273	2306	2337	2368	2400	2430	2463
1300	1813	1846	1885	1928	1973	2016	2056	2098	2139	2180	2223	2268	2307	2351	2394	2431	2478	2520	2560	2604	2642	2686	2729
1400	1939	1989	2030	2077	2124	2166	2212	2258	2298	2346	2391	2431	2479	2526	2568	2612	2659	2700	2746	2791	2836	2882	2924
1500	2016	2059	2100	2145	2191	2235	2281	2325	2368	2414	2457	2504	2548	2592	2636	2682	2726	2769	2815	2858	2905	2949	2993
1600	2080	2127	2170	2215	2261	2306	2351	2395	2441	2482	2528	2572	2617	2664	2706	2752	2796	2840	2888	2932	2977	3019	3063
1700	2199	2242	2291	2339	2389	2431	2480	2528	2574	2625	2671	2717	2765	2810	2858	2906	2954	3002	3048	3098	3144	3191	3234
1800	2310	2362	2416	2472	2524	2572	2629	2676	2730	2787	2836	2890	2944	2993	3046	3100	3152	3203	3257	3307	3362	3412	3466
1900	2430	2482	2534	2590	2641	2702	2752	2808	2860	2912	2962	3017	3071	3124	3179	3231	3286	3339	3392	3448	3502	3554	3606
2000	2550	2606	2663	2722	2784	2846	2905	2959	3014	3070	3126	3180	3233	3292	3345	3398	3458	3510	3569	3622	3676	3734	3787
2100	2683	2819	2882	2944	3002	3061	3119	3181	3243	3302	3363	3426	3481	3542	3606	3664	3727	3787	3846	3907	3968	4026	4089
2200	2894	2959	3024	3085	3150	3212	3271	3336	3398	3465	3530	3590	3654	3714	3779	3843	3905	3968	4030	4094	4158	4218	4284
2300	2971	3037	3103	3163	3226	3292	3356	3416	3476	3541	3606	3669	3734	3794	3859	3923	3982	4046	4107	4172	4236	4299	4359
2400	3050	3111	3178	3240	3302	3367	3428	3493	3552	3616	3680	3740	3809	3870	3932	3997	4061	4124	4185	4245	4308	4374	4437
2500	3073	3138	3206	3268	3333	3396	3462	3522	3584	3647	3711	3776	3839	3899	3966	4026	4090	4149	4216	4279	4341	4407	4469
2600	3206	3274	3346	3417	3492	3562	3632	3703	3774	3844	3916	3986	4060	4130	4198	4268	4340	4411	4482	4553	4624	4695	4765
2700	3337	3412	3481	3552	3576	3645	3714	3787	3859	3929	4000	4069	4140	4212	4284	4354	4419	4495	4565	4633	4705	4775	4847
2800	3473	3549	3624	3692	3769	3843	3916	3988	4064	4136	4208	4284	4356	4431	4501	4573	4650	4722	4797	4872	4940	5017	5090
2900	3709	3789	3867	3946	4025	4103	4184	4260	4340	4415	4498	4573	4656	4735	4813	4893	4971	5048	5128	5208	5288	5365	5443
3000	3749	3825	3905	3982	4064	4140	4218	4299	4376	4453	4535	4613	4693	4769	4847	4929	5005	5086	5164	5243	5320	5399	5478
3100	3783	3862	3942	4018	4096	4174	4255	4336	4412	4494	4569	4650	4725	4808	4882	4965	5041	5122	5198	5280	5361	5438	5518
3200	3819	3898	3978	4060	4136	4215	4295	4373	4449	4528	4608	4687	4765	4845	4926	5003	5080	5159	5240	5316	5397	5473	5554
3300	3859	3934	4015	4094	4172	4252	4332	4408	4485	4565	4644	4722	4804	4879	4962	5038	5117	5194	5274	5350	5432	5508	5590
3400	3893	3973	4052	4132	4208	4286	4365	4445	4522	4604	4682	4762	4839	4916	4997	5074	5155	5232	5313	5394	5469	5547	5626
3500	3931	4010	4089	4168	4244	4328	4405	4482	4561	4639	4719	4797	4877	4954	5034	5113	5190	5270	5348	5429	5506	5585	5662



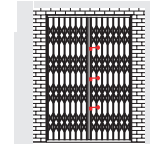
One row of lattice



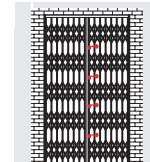
Two rows of lattice



Three rows of lattice



Four rows of lattice



Five rows of lattice

***Please note:**
See page 33 for
bunching sizes

OPTIONS

Folding bottom track*	£67.49 per sash
Fixed Panel	Trade discount increased 5%
Removable bottom track	£68.20
Reinforced locking (3 or 4 point)	£90.41
Hinge aside (add lift up bottom track if required)	£192.45 per sash
Additional blank key	£7.05
Handle with fixings (one per sash supplied as standard)	£11.60 each
Reinforced top/bottom track for face fitting	£28.11 per m (45 x 20 mm section)
Floating sash	£168.46
Bottom running	£11.17 per gate
Low profile 'T' track (silver anodised only)	no cost option
Lock post to suit Euro profile lock	no cost option (without lock)
Half cylinder Euro profile lock	£16.02 fitted
Full cylinder Euro profile lock	£31.70 fitted
Slam lock and post	£140.89
Available component parts	
Top track per metre	Code: YGA430S0 £23.77 per linear metre
Bottom track 'W' per metre	Code: YGA021S0 £23.66 per linear metre
Replacement lock	Code: YGA133L0 £57.88 (specify keyed alike/different)
Lock post	Code: YGA031S0 £7.28 per metre



**THIS PRODUCT CAN BE
POWDER COATED**
See page 64

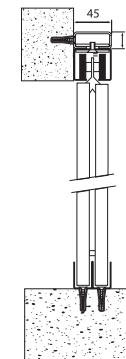
***Please note:** Folding tracks with a length of 600 mm or more are supplied with a retaining pin as standard. This is located between 488 mm and 568 mm from the ground regardless of track length. The retaining pin projects 60 mm beyond the lock post when the track is lowered and 30 mm when raised. If the width of the gate is greater than the height check that there will be sufficient room for the bottom track to fold up into.

There is an extra lead time for component gate sections, please call 01524 772400 for details.

SeceuroGuard 1000 can be supplied in Band A & B colours at no extra charge. See page 64 for further details. For external applications, a dark colour is recommended.

FACE FIXED SIDE ELEVATION

The standard arrangement for a face fitted gate is as shown with the top track and sides face fixed and the bottom track reveal fixed. When ordering please identify clearly how each side of the frame will be fitted. Importantly, the size of your order will be manufactured to a height including fixing frame(s).



Retractable Security Gates

<

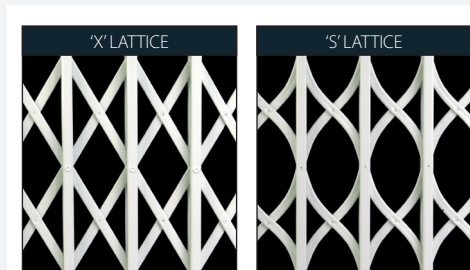
COMMON APPLICATIONS

Internal medium to high security domestic and selected commercial and retail applications. Made to measure in powder coated pre-galvanised steel.

CONSTRUCTION

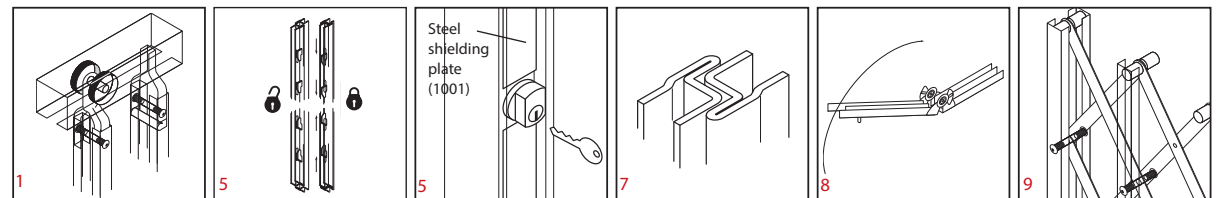
Lattice

High grade steel in 'X' lattice as standard and 'S' lattice as an option. Weight 19 kg m² nominal



GENERAL ARRANGEMENT

- Top hung on nylon coated steel bearings
- All galvanised steel construction
- Powder coating in a range of colours
- Fits within or around the reveal
- 4 point locking from a single key with the lock mechanism shielded by a steel plate
- Strong steel lattice with smooth durable finish
- Overlapped locking profiles
- Optional folding bottom track
- The 1001 has a specially designed lattice assembly system utilising high grade steel screws (patented).



1001 INSTALLATION CRITERIA

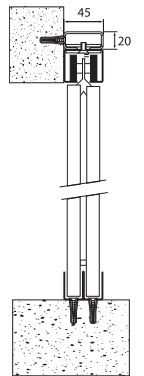
The validity of the LPCB certification is contingent upon each security gate being installed in accordance with the requirements of LPS 1175.

- Reveal or face installation
- Min fixing distance from edge of reveal 50 mm
- Max fixing distance from any corner 100 mm
- Max distance between fixing 400 mm
- All fixing heads spoiled:

Masonry	2.5" x 12s
Wood	4.0" x 12s
Steel	1.0" x M8s

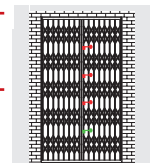
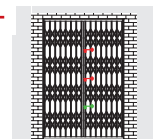
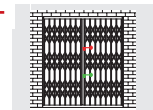
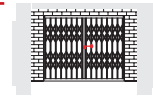
FACE FIXED SIDE ELEVATION

The standard arrangement for a face fitted gate is as shown with the top track and sides face fixed and the bottom track reveal fixed. When ordering please identify clearly how each side of the frame will be fitted. Importantly, the size of your order will be manufactured to a height including fixing frame(s).





Width (mm)		4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000
Height (mm)	1000	1934	1975	2016	2053	2091	2131	2168	2207	2240	2282	2297	2310	2329	2376	2398	2463	2479	2496	2579	2596
	1100	2092	2136	2178	2223	2270	2318	2361	2402	2447	2489	2636	2780	2798	2882	2898	2981	3001	3014	3114	3150
	1200	2239	2291	2348	2384	2424	2459	2499	2537	2574	2614	2748	2882	2898	2981	3014	3100	3114	3132	3232	3267
	1300	2348	2400	2452	2506	2555	2606	2655	2703	2760	2808	2905	3001	3014	3100	3114	3200	3218	3249	3349	3384
	1400	2528	2583	2636	2693	2746	2800	2854	2908	2960	3016	3058	3100	3114	3200	3232	3317	3333	3349	3467	3501
	1500	2609	2666	2720	2774	2832	2883	2941	2992	3046	3100	3152	3200	3218	3317	3333	3437	3449	3467	3581	3616
	1600	2697	2749	2807	2859	2912	2969	3024	3078	3132	3184	3243	3301	3333	3416	3449	3534	3570	3581	3703	3736
	1700	2845	2906	2960	3019	3078	3135	3196	3249	3307	3368	3577	3784	3804	3919	3934	4055	4087	4103	4253	4272
	1800	3005	3068	3132	3197	3261	3323	3387	3453	3515	3579	3735	3883	3900	4018	4055	4171	4190	4218	4373	4388
	1900	3152	3218	3375	3439	3506	3569	3631	3692	3757	3821	3905	3986	4018	4137	4171	4286	4305	4339	4492	4504
	2000	3398	3467	3534	3601	3670	3737	3804	3870	3934	4003	4046	4087	4123	4238	4272	4388	4418	4453	4607	4621
	2100	3579	3656	3727	3799	3871	3946	4022	4094	4169	4240	4302	4380	4412	4547	4570	4705	4740	4771	4933	4959
	2200	3753	3828	3908	3982	4062	4139	4216	4295	4366	4445	4559	4672	4705	4857	4876	5026	5056	5090	5261	5293
	2300	3851	3929	4003	4079	4158	4233	4308	4389	4462	4544	4657	4771	4808	4959	4988	5142	5159	5193	5374	5407
	2400	3945	4022	4095	4172	4251	4330	4407	4481	4558	4632	4763	4890	4926	5056	5090	5243	5276	5312	5495	5530
	2500	3980	4061	4136	4212	4286	4365	4443	4517	4599	4671	4831	4988	5026	5177	5209	5362	5396	5429	5610	5644
	2600	4163	4245	4333	4418	4504	4594	4678	4764	4855	4935	5013	5090	5124	5276	5312	5474	5508	5541	5729	5758
	2700	4330	4348	4437	4521	4608	4694	4777	4869	4952	5039	5117	5193	5228	5396	5429	5579	5631	5662	5844	5879
	2800	4496	4587	4677	4764	4856	4940	5034	5124	5210	5302	5489	5678	5712	5897	5932	6097	6148	6177	6380	6415
	2900	4807	4901	4997	5093	5188	5283	5379	5473	5570	5667	5724	5780	5810	5997	6027	6212	6246	6299	6497	6533
	3000	4846	4940	5039	5133	5231	5326	5425	5521	5613	5711	5795	5879	5932	6097	6148	6333	6366	6401	6615	6647



***Please note:**
See page 33 for
bunching sizes

Insurance approved

Tested and approved to Loss Prevention Standard (LPS) 1175 security Rating 1 by the Loss Prevention Certification Board (LPCB) the UK's leading independent certification body covering products, installers and installations in the fire and security sectors.

Enhanced burglary protection is achieved through the use of an advanced 4 point locking system and unique patented assembly system. The validity of LPCB certification is contingent upon each gate being installed in accordance with the requirements of LPS 1175.



**THIS PRODUCT CAN BE
POWDER COATED**
See page 64

SeceuroGuard 1001 can be supplied in BAND A & B colours at no extra charge. See page 64 for further details. For external applications a dark colour is recommended.

OPTIONS

Folding bottom track*	£67.49 per sash
Fixed panel	Trade Discount increased 5%
Additional blank key	£7.05
Handle with fixings (one per sash supplied as standard)	£11.60 each
Reinforced top/bottom track for face fitting section)	£28.11 per metre (45 x 20 mm)

*** Please note:** Folding tracks with a length of 600 mm or more are supplied with a retaining pin as standard. This is located between 488 mm and 568 mm from the ground regardless of track length. The retaining pin projects 60 mm beyond the lock post when the track is lowered and 30 mm when raised.

Available component parts

Top track per metre	Code: YGA430S0	£23.77 per linear metre
Bottom track 'W' per metre	Code: YGA021S0	£23.66 per linear metre
Replacement lock	Code: YGA133L0	£57.88 (specify keyed alike/different)

SPECIAL LPCB RESTRICTIONS

Maximum Height	3000 mm
Minimum Height	1000 mm*
Maximum Width (bi-parting)	6000 mm
Maximum Width (single sash)	3000 mm
Minimum Width (bi-parting)	1000 mm
Minimum Width (single sash)	500 mm

SWS UK reserve the right to undertake installation spot checks, in the interest of both trade customer and end user.

All approved gates carry a label detailing the manufacturer, test standard and rating.

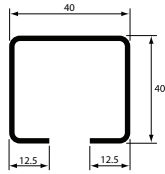
Please note: SeceuroGuard 1001 is NOT available with the hinge aside option, bottom running option, split top bottom tracks, removable bottom track or split sashes'



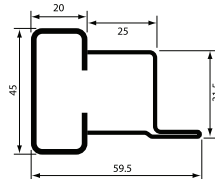
SeceuroGuard 1000 Bunch Sizes

Bunch Sizes

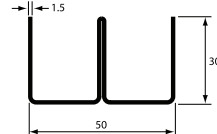
All clear opening sizes for single sash gates allow for the slam post. For hinge aside gates or folding bottom tracks, the bunch size is increased by a further 60 mm per sash



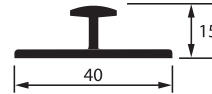
Top Track



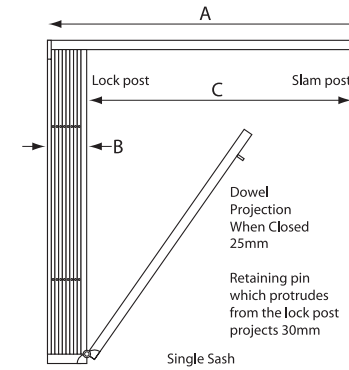
Single Sash Slam Post



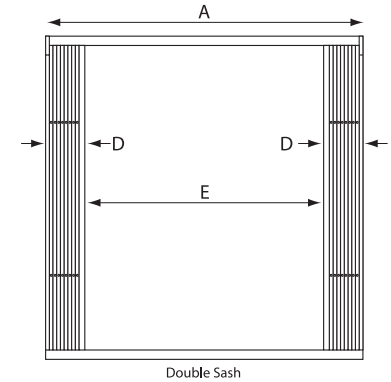
Bottom "W" Track



Bottom "T" Track



Single Sash

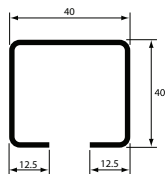


Double Sash

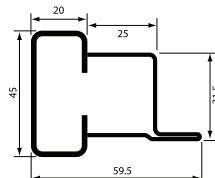
SeceuroGuard 1001 Bunch Sizes

Bunch Sizes

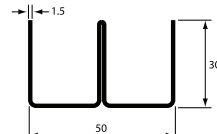
All clear opening sizes for single sash gates allow for the slam post.



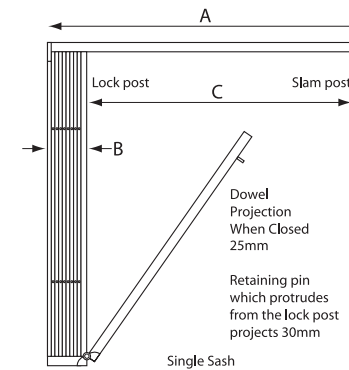
Top Track



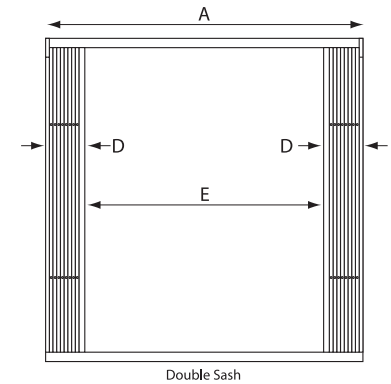
Single Sash Slam Post



Bottom "W" Track



Single Sash



Double Sash

SeceuroGuard 1000 & 1001 Bunch Sizes

Gates up to 2359 mm Overall Height					2360 - 3059 mm Overall Height					Gates over 3059 mm Overall Height				
OVERALL WIDTH (mm)	SINGLE SASH		DOUBLE SASH		OVERALL WIDTH (mm)	SINGLE SASH		DOUBLE SASH		OVERALL WIDTH (mm)	SINGLE SASH		DOUBLE SASH	
	SINGLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)	DOUBLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)		SINGLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)	DOUBLE SASH BUNCH mm	CLEAR OPENING WIDTH (mm)		SINGLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)	DOUBLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)
250	110	78	110	30	250	110	78	94	62	250	110	78	94	62
300	110	128	110	80	300	110	128	94	112	300	110	128	94	112
350	110	178	110	130	350	110	178	94	162	350	110	178	94	162
400	126	212	110	180	400	126	212	110	180	400	126	212	110	180
450	126	262	110	230	450	126	262	110	230	450	126	262	110	230
500	142	296	110	280	500	142	296	110	280	500	142	296	110	280
600	142	396	110	380	600	142	396	110	380	600	142	396	110	380
700	158	480	126	448	700	158	480	126	448	700	158	480	126	448
800	174	564	126	548	800	174	564	126	548	800	174	564	126	548
900	190	648	142	616	900	190	648	142	616	900	190	648	142	616
1000	190	748	142	716	1000	190	748	142	716	1000	190	748	142	716
1100	206	832	142	816	1100	206	832	142	816	1100	206	832	142	816
1200	222	916	158	884	1200	222	916	158	884	1200	222	916	158	884
1300	238	1000	158	984	1300	254	984	158	984	1300	254	984	158	984
1400	238	1100	158	1084	1400	254	1084	158	1084	1400	254	1084	158	1084
1500	254	1184	174	1152	1500	270	1168	174	1152	1500	270	1168	174	1152
1600	270	1268	174	1252	1600	286	1252	174	1252	1600	286	1252	174	1252
1700	286	1352	190	1320	1700	302	1336	190	1320	1700	302	1336	190	1320
1800	302	1436	190	1420	1800	318	1420	190	1420	1800	318	1420	190	1420
1900	302	1536	190	1520	1900	318	1520	190	1520	1900	318	1520	190	1520
2000	334	1604	206	1588	2000	334	1604	206	1588	2000	350	1588	222	1556
2100	350	1688	206	1688	2100	350	1688	206	1688	2100	366	1672	222	1656
2200	366	1772	222	1756	2200	366	1772	222	1756	2200	382	1756	238	1724
2300	366	1872	222	1856	2300	366	1872	222	1856	2300	382	1856	238	1824
2400	382	1956	222	1956	2400	382	1956	222	1956	2400	398	1940	238	1924
2500	398	2040	238	2024	2500	398	2040	254	1992	2500	414	2024	254	1992
2600	414	2124	238	2124	2600	414	2124	254	2092	2600	430	2108	254	2092
2700	414	2224	238	2224	2700	414	2224	254	2192	2700	430	2208	254	2192
2800	430	2308	254	2292	2800	446	2292	270	2260	2800	446	2292	270	2260
2900	446	2392	254	2392	2900	462	2376	270	2360	2900	462	2376	270	2360
3000	462	2476	270	2460	3000	478	2460	286	2428	3000	478	2460	286	2428
3100	478	2560	270	2560	3100	494	2544	286	2528	3100	510	2528	286	2528
3200	478	2660	270	2660	3200	494	2644	286	2628	3200	510	2628	286	2628
3300	494	2744	286	2728	3300	510	2728	302	2696	3300	526	2712	302	2696
3400	510	2828	286	2828	3400	526	2812	302	2796	3400	542	2796	302	2796
3500	526	2912	302	2896	3500	542	2896	318	2864	3500	558	2880	318	2864
3600	526	3012	302	2996	3600	542	2996	318	2964	3600	558	2980	318	2964
3700	542	3096	302	3096	3700	558	3080	318	3064	3700	574	3064	318	3064
3800	558	3180	334	3132	3800	574	3164	334	3132	3800	590	3148	334	3132
3900	574	3264	334	3232	3900	590	3248	334	3232	3900	606	3232	334	3232
4000	574	3364	334	3332	4000	590	3348	334	3332	4000	606	3332	334	3332
4100	606	3432	350	3400	4100	606	3432	350	3400	4100	622	3416	366	3368
4200	622	3516	350	3500	4200	638	3500	350	3500	4200	654	3484	366	3468
4300	638	3600	366	3568	4300	654	3584	366	3568	4300	670	3568	382	3536
4400	654	3684	366	3668	4400	670	3668	366	3668	4400	686	3652	382	3636
4500	654	3784	366	3768	4500	670	3768	366	3768	4500	686	3752	382	3736
4600	670	3868	382	3836	4600	686	3852	382	3836	4600	702	3836	398	3804
4700	686	3952	382	3936	4700	702	3936	382	3936	4700	718	3920	398	3904
4800	702	4036	398	4004	4800	718	4020	398	4004	4800	734	4004	414	3972
4900	702	4136	398	4104	4900	718	4120	398	4104	4900	734	4104	414	4072
5000	718	4220	398	4204	5000	734	4204	398	4204	5000	750	4188	414	4172
5100	734	4304	414	4272	5100	750	4288	414	4272	5100	766	4272	430	4240
5200	750	4388	414	4372	5200	766	4372	414	4372	5200	798	4340	430	4340
5300	750	4488	414	4472	5300	766	4472	414	4472	5300	798	4440	430	4440
5400	766	4572	430	4540	5400	782	4556	446	4508	5400	814	4524	446	4508
5500	782	4656	430	4640	5500	798	4640	446	4608	5500	830	4608	446	4608
5600	798	4740	446	4708	5600	830	4708	462	4676	5600	846	4692	462	4676
5700	814	4824	446	4808	5700	846	4792	462	4776	5700	862	4776	462	4776
5800	814	4924	446	4908	5800	846	4892	462	4876	5800	862	4876	462	4876
5900	830	5008	462	4976	5900	862	4976	478	4944	5900	878	4960	478	4944
6000	846	5092	462	5076	6000	878	5060	478	5044	6000	894	5044	478	5044

Saftidor Retractable Security Gate

Xpanda Saftidor If lock required see below	Stack size	Width (mm)	Height (mm)	Minimum height available after cut down*	Sales code	Price (£) locks, tracks and brackets not included	Weight (kgs)
TYPE B	130	1000	2000	1620	XSD 90x200	£354.91	16
TYPE C	140	1150	2000	1620	XSD 115x200	£412.93	18
TYPE D	155	1300	2000	1620	XSD 130x200	£454.77	20
TYPE E	170	1450	2000	1620	XSD 145x200	£483.11	22
TYPE F	185	1600	2000	1620	XSD 160x200	£515.50	24
TYPE G	200	1800	2000	1620	XSD 180x200	£555.97	25
TYPE H	215	1950	2000	1620	XSD 195x200	£595.11	28
TYPE C		1150	2500	1620	XSD 115x250	£726.02	25
TYPE D		1300	2500	1620	XSD 130x250	£805.64	28
TYPE E		1450	2500	1620	XSD 145x250	£881.20	31
TYPE F		1600	2500	1620	XSD 160x250	£909.54	34
TYPE G		1800	2500	1620	XSD 180x250	£933.83	37

L205B lock pack keyed alike (incl. L205C bracket for face fix)

[XSD L205B*](#)

£77.29

L205B lock pack keyed different (incl. L205C bracket for face fix)

[XSD L205B](#)

£77.29

Blank keys for L205B

[XSD L205](#)

£10.03

Lock and accessory pack – XP1 – Saftidor Single sash

[XSD XP1](#)

£122.07

Lock and accessory pack – XP2 – Saftidor Double sash

[XSD XP2](#)

£154.60

Saftidor accessories	Sales code	Price (£)
S8 Saftidor castor (recommended with doors C to H)	XSD S8	£18.41
S9 Carpet cover plate	XSD S9	£5.51
S30 Handle	XSD S30	£9.46

General accessories	Sales code	Price (£)
S3 "L" Bracket 40 mm x 70 mm	XSD S3	£7.34
S4 Butt hinge (per pair)	XSD S4	£5.51
S10 Hanger roller	XSD S10	£7.16
S13 Top Track 2 metre	XSD S13*	£86.07
S13 Top Track 3 metre	XSD S13*	£130.27
S25 Shootbolt	XSD S25	£30.06
S35 Double Locking "T" Bracket	XSD S35	£22.90
S36 Locking "U" Bracket	XSD S36	£14.31
Lock Keep	XSDL205D	£12.53
Saftidor Multi Hinges (White)	XSD MH1	£37.79
Cut down charge		£131.69

XP1 Saftidor – Single sash

1 no L205B LOCK PACK

2 no S36 "U" brackets

1 no S8 castor

XP2 Saftidor – Double sash

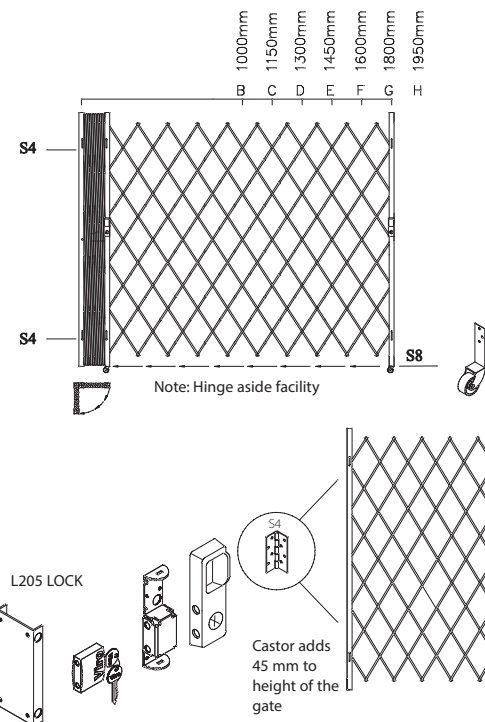
1 no L205B LOCK PACK

2 no S36 "U" brackets

1 no S35 "T" brackets

2 no S8 castor
1 no S25 shoot bolt
1 no S9 carpet cover plate

* Top track is supplied in 2 and 3 metre lengths only.



COMMON APPLICATIONS

Internal medium security trackless gate system with appealing diamond lattice aesthetic. Available 'off the shelf' as an ideal solution for projects requiring a fast turnaround.

CONSTRUCTION

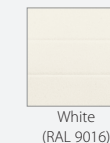
Lattice

12.7 x 12.7 x 0.9 mm tubular white epoxy coated cold rolled steel lattice set into 38 mm steel "U" channels by use of pivot pins.

Please note:

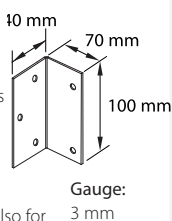
- The Saftidor is a diamond mesh collapsible gate, available in 7 standard widths and 2 heights (2 metres & 2.5 metres).
- Top Tracks are not supplied as standard but they are available as an optional extra in either a 2 or 3 metre length.
- Security can be enhanced with the addition of certain brackets (see above).
- Saftidors can be cut down in height for an extra charge (see above).
- The sashes come supplied as standard with a pair of hinges and are finished in white. Add price of lock or lock pack as required.
- The S8 castor is recommended on all widths of 1150 mm and above. If you require an S8 castor please ensure you allow 45 mm for the height of the castor wheel when calculating for fitting the Saftidor within a reveal.

Standard off the shelf colour

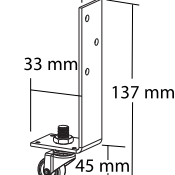


S3 "L" BRACKET

Used to fix Saftidors to frames when required to be spaced away from the door (due to large handle etc). Also for mounting tracks, fitting on inside of existing doors to hinge doors to swing 180 degrees.

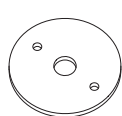


30 mm
Gauge: 2 mm



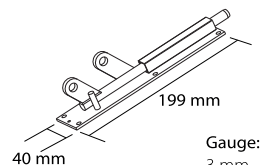
S8 SAFTIDOR CASTOR

Recommender for all Saftidors from size C to H. Fits in leading channel to support and align lock with lock keep.



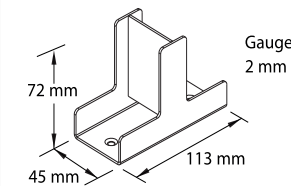
S9 CARPET COVER PLATE

When using a shoot bolt through a carpet prevents damage to carpet and finishes.



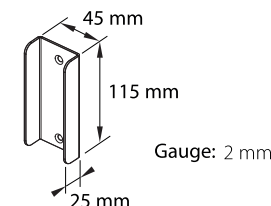
S25 SHOOT BOLT

Lockable shoot bolt used for various fittings but primarily for securing Saftidors when joining 2 or more gates together.



S35 DOUBLE LOCKING "T" BRACKET

Used for centre locking bi-parting Saftidors. Gives added rigidity and extra strength.



S36 "U" BRACKET

For locking two Saftidors together for added rigidity and extra strength.



Xpanda Saftiwindow	Width (mm)	Height (mm)	Minimum height available after cut down*	Sales code	Price (£)	Weight (kgs)
WB2	900	850	no cut down	XSW 90x85	£210.52	8
WD2	1200	850	no cut down	XSW 120x85	£252.34	9
WB3	900	1000	810	XSW 90x100	£229.41	8
WD3	1200	1000	810	XSW 120x100	£302.28	11
WB4	900	1150	820	XSW 90x115	£284.72	9
WD4	1200	1150	820	XSW 120x115	£364.36	12
WB5	900	1300	810 (a)	XSW 90x130	£321.18	10
WD5	1200	1300	810 (a)	XSW 120x130	£402.14	14
WB6	900	1450	810 (b)	XSW 90x145	£412.93	11
WD6	1200	1450	810 (b)	XSW 120x145	£491.21	15

- (a) Please note due to the position of the rivet on the sash we are unable to cut between 45 mm and 65 mm at the top and bottom of the sash.
- (b) Please note due to the position of the rivet on the sash we are unable to cut between 120 mm and 140 mm at the top and bottom of the sash.
- (c) Saftiwindows bunch up to approximately 15% of their overall width.

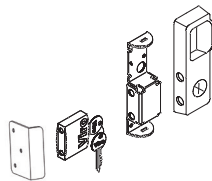
Saftiwindow accessories / options	Sales code	Price (£)
L100 Saftiwindow Slam Lock	XSW L100	£75.88
Cut down charge		£131.69
Lock & accessory pack - XP3 - Single	XSW XP3	£81.38
Lock & accessory pack - XP4 - Double	XSW XP4	£124.68
Saftidor Multi Hinges (White).	XSD MH1	£37.79

XP3 – Single sash

1 X L100 Lockpack
2 x S36 Brackets
1 no S8 castor

XP4 – Double sash

1 X L100 Lockpack
2 x S36 Brackets
1 x S35 T Bracket

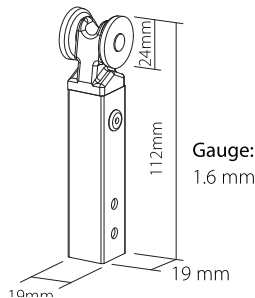


L100 (SMALL) LOCK

*Please see general accessories listed on page 34 for accessories which are suitable for both Saftidors and Saftiwindows.

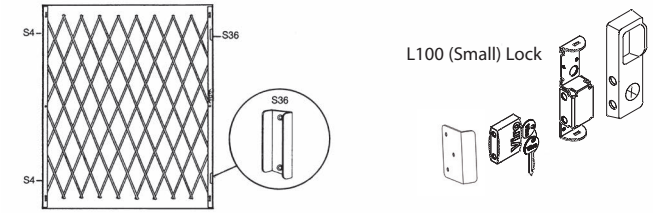
Please note:

- Saftiwindows are available in 2 widths and 5 heights, and like the Saftidor it can be used in a double sash format which correspondingly doubles the width options.
- Security can be enhanced with the addition of certain brackets. The sashes are supplied as standard with a pair of hinges and finished in white. Add price of lock or lock pack as required.
- Saftiwindows can be cut down in height for an extra charge.
- Top Tracks are not supplied as standard but they are available as an optional extra in either a 2 or 3 metre length.
- L100 locks are required with every Saftiwindow, unless the sash is being fitted as a fixed panel system. These locks can be supplied keyed alike.



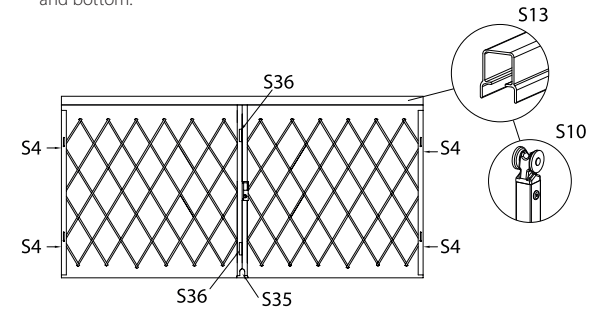
S10 SAFTIWINDOW / SAFTIDOR HANGER ROLLER

When hanging Saftiwindows or Saftidors using the top track, this roller is fitted into the top of the channel allowing the Saftidor/Saftiwindow to slide to the side. Option when two doors locking together.



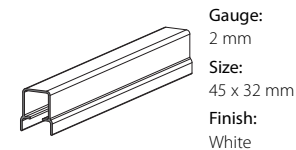
SINGLE SASH SAFTIWINDOW

Using the S36 brackets above and below the lock ensures that the channel is secured top and bottom.



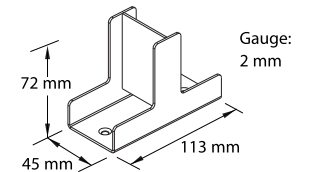
DOUBLE SASH SAFTIWINDOW

Using top track makes Saftidor and Saftiwindow very easy to fold to the side. Cutting the top track short in width allows the sash to drop out of track, allowing it to hinge to one side when fitted with the S4 butt hinges.



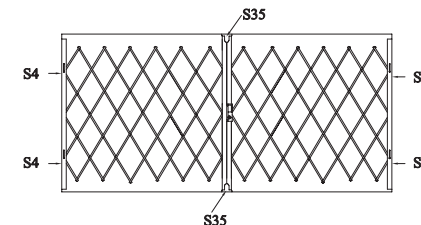
S13 TOP TRACK

Aluminium top track for Saftiwindows and Saftidors.



S35 DOUBLE LOCKING "T" BRACKET

Used for centre locking bi-parting Saftidors. Gives added rigidity and extra strength.

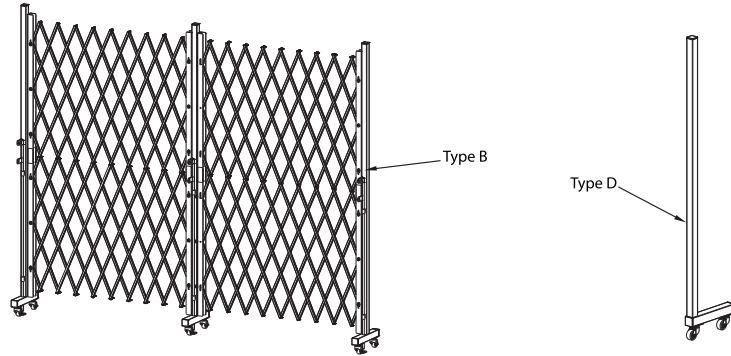


Using two S35 "T" brackets ensures absolute rigidity in the centre.

Saftidor Trackless Barrier System

Trolley	Sales code	Price (£)
Saftidor trolley type "B" + shoot bolt	XSD.TROLLEY.B	£252.42
Saftidor trolley type "D" (required where 2 Saftidors meet at 90 degrees to each other)	XSD.TROLLEY.D	£201.22

- The system is completely trackless (no top or bottom track), operates on a series of steel trolleys and can be completely mobile.
- The system can span any width.
- The standard heights of Saftidors available are 2 m and 2.5 m



Overview

COMMON APPLICATIONS

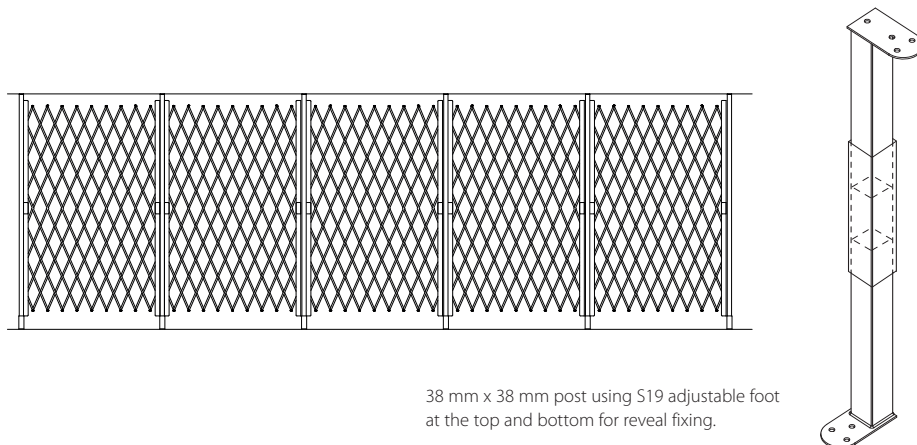
Can be used for barrier access for shopping centres, factory units, car parks, loading bays, function centres, warehouses, sports facilities, crowd control or simply for partitioning.

CONSTRUCTION

Saftidor units operating on a series of steel trolleys. See page 34 for Saftidor specification and prices.

Adjustable Post System

Post	Length	Sales code	Price (£)
S18 Post 38 mm x 38 mm	2 m	XXC.S18	£60.14
S19 Adjustable Foot	500 mm	XXC.S19	£30.07
Spring loaded dust cover	n/a	XSLDC	£39.81



Overview

COMMON APPLICATIONS

Free standing post system used when fitting a line of Saftidors / Saftiwindows to a large expanse of windows or openings where there are no fixings available to allow the product to be fitted in a continuous line.

CONSTRUCTION

38 mm x 38 mm hollow steel posts. Powder coated white. Available in either 2 m or 3 m lengths.

The S19 500 mm adjustable feet fit into the post top and bottom and can be fixed to the top and bottom of the opening.

Double Diamond Emergency Exit Saftidor

Width (mm)	Stack size (mm)	Height (mm)	Sales code	Price (£)	Weight (kgs)	Maximum cut down
1010	215	2000	XDD 101x200	£470.95	28	1995 - 1600mm @ £131.69
1330	260	2000	XDD 133x200	£580.28	34	
1650	320	2000	XDD 165x200	£680.14	40	

Lock accessories	Sales code	Price (£)
S71A 2000 x 38 mm lock post/lock keep with internal thumbturn lock and external cylinder (Cannot be keyed alike)	XDD S71A	£332.24
S71C Lock protection plate	XDD S71C	£51.91
Heavy duty castor	XDD CASTOR	£13.63
L205B Lock pack	XSD L205B	£77.29
S36 Locking 'U' Bracket	XSD S36	£14.31

- Xpanda Double Diamond doors can be unlocked from inside the premises by means of a thumb-turn lock, ensuring a quick keyless exit in emergencies.
- There are no tracks and they hinge aside as standard if required.
- The tight diamond pattern combined with a lock protection plate is designed to prevent intruders from reaching through the lattices to unlock the gate.
- Particularly effective against 'smash and grab' raids.
- Can also be installed with the L205B lock pack in non emergency exit applications.

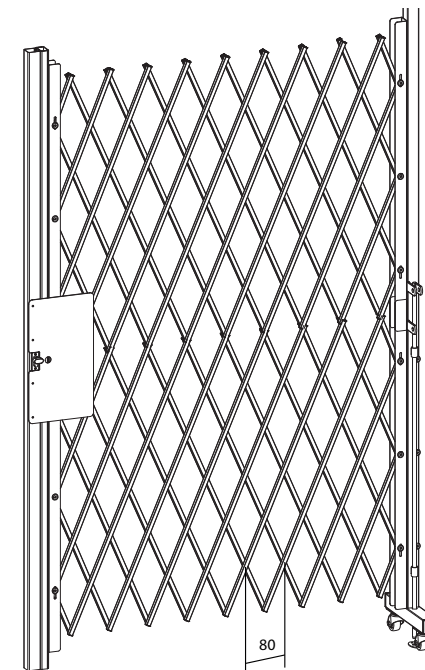
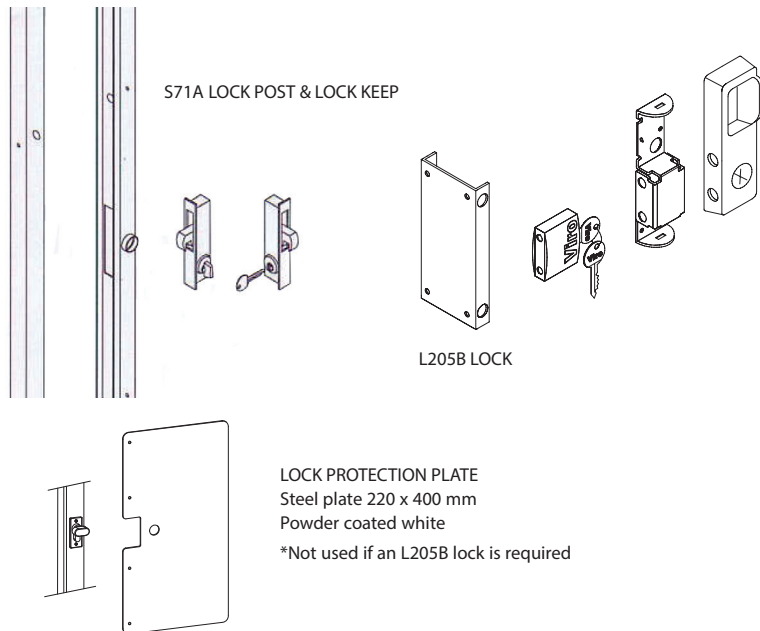
Overview

COMMON APPLICATIONS

Specifically designed for securing emergency exit doors (always seek approval from the local fire officer) and vulnerable glass door entrances.

CONSTRUCTION

Tubular steel lattice powder coated white as standard.



Widths shown are with a pitch of 80 mm

* Please allow at least 60 mm for heavy duty castor wheel to sit under channel of door when surveying.

COMMON APPLICATIONS

APPLICATION GUIDE

The award winning SeceuroBar system uses tough powder-coated steel bars which are locked in place on the inside of windows, in either a vertical or horizontal format. Strong extruded aluminium retaining units secure each bar, yet the unique locking system means that they can be released in seconds.

SPECIFICATION AND SIZES

The maximum width available with single key operation is 3000 mm. However, wider openings can be accommodated with an additional lock and set of bars. The minimum width for removable bars is 250 mm. The maximum height available is 2100 mm when fitted with spreader bars which reduce bar deflection on taller applications and ease their removal. Openings up to 1500 mm in height can be accommodated without the use of spreader bars. The minimum height restriction is 200 mm. Each bar consists of a 19 mm steel outer tube with free-moving 15 mm steel inner tube. The bars are locked in place using a high security 10 pin radial camlock with 5 million + key combinations. The maximum number of SeceuroBar systems that can be keyed alike is 100. It is not possible for us to key alike orders to ones supplied previously. SeceuroBar is supplied in semi gloss white (RAL 9010) as standard, however other colours are available by quotation. On narrow, but high openings or doorways the system can be installed with the retaining units running vertically and steel bars horizontally. When mounting the bars horizontally the lock must always be fixed on the left hand side when viewed from inside looking out. SeceuroBar can be supplied with pre-powder coated aluminium packers to face fix the system to any wall. SeceuroBar removable window bars are designed to be fitted internally and under no circumstances are they to be installed externally.

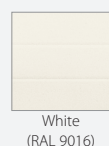
INSTALLATION

The system is designed to fit as close as possible to the window frame, this will avoid any cavity for dust and dirt to collect in. The top and bottom retaining units can be placed up to the window frame and the fixing positions marked with a pencil, the retaining units can then be removed and the appropriate size hole drilled. The minimum recommended fixing is 10 x 2" (50 mm) countersunk wood screws (see figure 1.). It is very important that countersunk screws are used, these will allow greater clearance in the top retaining unit. It is usually necessary to create a small recess directly below the lock position to allow the bottom fitment to seat correctly. For wider or horizontal bar applications the fixing plates can be secured within the retaining unit by using masking tape or a small amount of silicone sealer. (This will eliminate fixing plate movement). Before finally tightening the top and bottom retaining units the end caps should be moved out to the end of the opening, this will provide a neat and even finish to the system. The location of the fixing screw can be seen to the right.

OPERATION

SeceuroBar is operated by a single radial lock point. The key **must always be pressed** in before any key rotation is possible. All occupants of the building must be familiar with the operation of the system, and aware of the key's location.

STOCK COLOURS



THIS PRODUCT CAN BE POWDER COATED
See page 64

Please note: the plastic end caps are only available in white.

ORDERING NOTE:

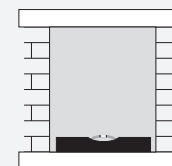
Ensure that tight reveal sizes (in particular the height) are given when ordering. Failure to do this could mean that the bars are cut too short for the opening compromising the level of security achieved.

HINTS & TIPS

SURVEYING

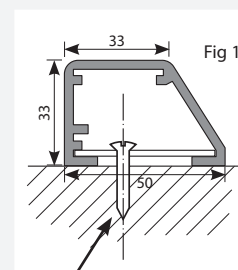
It is important to check during the survey that the opening is suitable for SeceuroBar. If the reveal construction is solid steel or a cavity then it would be better to face fix the system around the opening.

You must check that the reveal is straight and level, any deflection of the bottom retaining unit will cause the mechanism to stick. Packing strips can be used to make the reveal level.

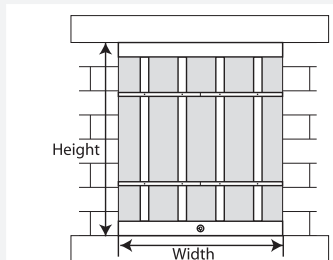
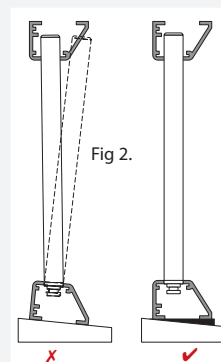


If the reveal slopes inwards or outwards (see figure 2.), or the top retaining unit is not fitted directly above the bottom retaining unit, the sockets will not lock in the slider mechanism. The reveal should be levelled up with packing strips and re-measured.

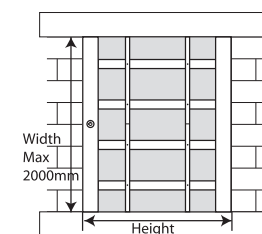
When surveying for window bars which are fitted horizontally you must provide the width and height as shown in the diagram. The maximum width for a window bar fitted horizontally is 2000 mm. When mounting the bars horizontally the lock must always be on the left looking from the inside out.



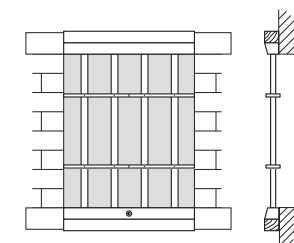
Counter sunk screw
Aluminium guide and fixing plate



Convention installation within a window reveal



Window bars installed horizontally within a window reveal



Window bars installed around the window (face fixing)

WHAT ARE SPREADER BARS?

Spreader bars are used to reduce the deflection on taller applications and ease removal of the bars. Two rows of spreader bars are required on all bar systems above 1500 mm tall. The spreader bars should be fitted one quarter tube height from the top and bottom to give maximum rigidity. The spreader bars are to be fitted before they are located into the top and bottom retaining units. Fixing is by M5 8 mm grub screw with 2.5 mm allen head.

FACE FIXING AND HORIZONTAL OPERATION

The system can be supplied (at additional cost) with pre powder coated 50 mm x 50 mm aluminium packers to face fix it to any wall. When mounting the bars horizontally the lock must always be fixed on the left hand side looking from inside out.



Width (mm)

Height (mm)	Width (mm)																				
	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	
800	349	359	390	410	432	455	480	502	531	553	566	600	609	642	668	691	714	735	759	785	809
900	353	367	410	434	455	487	511	536	559	582	604	627	647	680	703	725	749	779	804	819	852
1000	382	405	417	455	480	510	542	565	593	617	641	664	691	717	745	762	788	815	842	865	888
1100	402	447	456	487	514	544	574	603	633	659	687	717	748	771	800	825	858	880	910	940	971
1200	410	456	464	494	530	554	580	614	644	668	696	727	759	788	816	852	880	909	933	972	998
1300	434	467	494	530	559	590	617	647	683	714	746	779	808	842	870	908	932	969	998	1029	1062
1400	480	514	551	583	618	647	680	717	749	785	816	855	888	924	965	990	1029	1065	1097	1131	1167
1500	494	535	566	604	641	674	714	746	781	815	855	888	924	965	990	1035	1066	1100	1140	1196	1235
1600	510	551	593	623	659	696	745	779	809	852	888	924	965	990	1029	1066	1110	1146	1178	1256	1279
1700	542	582	623	659	696	745	784	816	858	900	940	976	1017	1045	1090	1126	1167	1227	1266	1302	1351
1800	572	614	657	695	738	781	818	864	908	944	986	1029	1070	1105	1146	1207	1246	1292	1332	1369	1414
1900	603	644	689	728	781	818	865	909	945	990	1038	1084	1119	1163	1223	1269	1311	1358	1400	1440	1486
2000	609	680	723	771	816	864	924	945	979	1038	1091	1130	1175	1238	1292	1332	1311	1422	1468	1519	1562
2100	647	723	768	816	867	914	966	1005	1054	1105	1155	1196	1242	1308	1358	1407	1459	1500	1549	1598	1649
	6	7	7	8	9	10	11	11	12	13	14	15	15	16	17	18	19	19	20	21	22

▲ Minimum width for double sash

Number of bars

The distance between the centres of each bar is 125 mm.

No spreader bars as standard

Spreader bars as standard

Overview

COMMON APPLICATIONS

Ideal for lower security domestic and commercial applications where removal of the security device is required occasionally. A very useful option for openings that fall below the minimum size for SeceuroGuard 1000 retractable security gates.

MAXIMUM & MINIMUM SIZES

When bars are fitted vertically:

Minimum reveal width	250 mm
Maximum reveal width	3000 mm
(greater if multiple units are used)	
Minimum reveal height	200 mm
Maximum reveal height	2100 mm
Maximum reveal height without spreader bars	1500 mm

When bars are fitted horizontally:

Minimum reveal width	200 mm
Maximum reveal width	2000 mm
Minimum reveal height	250 mm
Maximum reveal height	2000 mm

COMPONENT PARTS

Top guide

Code: YRB010E0

Per metre: **£45.77**

3 Hole spreader bar

Code 3 hole: RB160E0

Code 2 hole: RB150E0

Each: **£35.84**

White plastic end cap

Code left: RB110P0

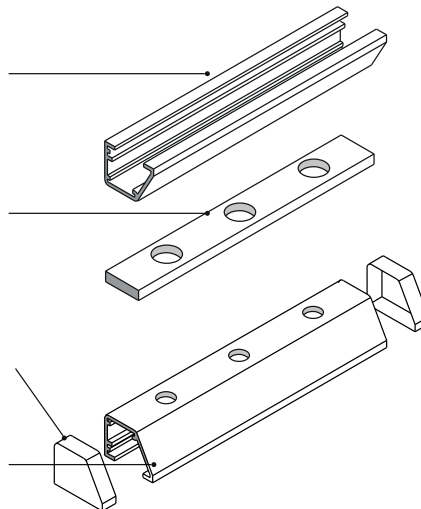
Code right: RB120P0

Each: **£1.55**

Bottom guide

Code: YRB020E1

Per metre: **£45.77**



Lock slider

Code: RB050S0

Each: **£31.17**

10 Pin radial cam-lock

Code: RB070L0

Each: **£43.92**

Fixing plate

Code: RB100S0

Each: **£1.55**

Slider plate

Code: RB090S0

Each: **£2.76**

Tube socket

Code: RB080S0

Each: **£4.10**

Plastic tube end cap

Code: RB061P0

Each: **£1.37**

50 mm x 50 mm x 3 mm Aluminium Packing Box Section

Mill finish: YBS550E0

White: YBS550E1

Brown: YBS550E2

Per metre: **£33.00**

19 mm Outer steel tube

Code: YRB031T0

Per metre: **£14.99**

15 mm Inner steel tube

Code: YRB040T0

Per metre: **£7.02**

Width (mm)

Height (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	
800	365	365	385	385	416	449	485	520	552	587	618	656	685	724	757	794	826	858	No spreader bars as standard
900	365	365	389	427	464	502	542	581	618	660	699	735	773	811	850	890	927	968	1 Spreader bar as standard
1000	385	389	432	472	520	563	604	644	685	733	773	817	858	904	950	990	1029	1074	2 Spreader bars as standard
1100	385	427	472	522	569	615	662	710	757	772	850	900	950	995	1040	1087	1135	1184	
1200	416	464	520	569	618	675	724	773	826	772	927	982	1029	1081	1135	1188	1238	1291	
1300	449	502	563	615	675	726	780	841	895	952	1007	1064	1119	1176	1229	1286	1342	1400	
1400	485	542	604	662	724	780	843	904	963	1022	1081	1143	1206	1263	1326	1385	1446	1505	
1500	520	581	644	710	773	841	904	968	1029	1096	1160	1223	1291	1350	1417	1479	1552	1615	
1600	552	618	685	757	826	895	963	1029	1104	1173	1238	1309	1375	1446	1517	1583	1651	1719	
1700	587	660	733	803	880	952	1022	1096	1173	1245	1315	1388	1461	1530	1608	1686	1753	1828	
1800	618	699	773	850	927	1007	1081	1160	1238	1315	1393	1472	1552	1627	1702	1779	1859	1935	
1900	656	735	817	900	982	1064	1143	1223	1309	1388	1472	1555	1635	1715	1798	1877	1963	2043	
2000	685	773	858	950	1029	1119	1206	1291	1375	1461	1552	1635	1719	1805	1892	1978	2066	2146	
2100	724	811	904	995	1081	1176	1263	1350	1446	1530	1627	1715	1805	1898	1984	2075	2167	2256	
2200	757	850	950	1040	1135	1229	1326	1417	1517	1608	1702	1798	1892	1984	2079	2176	2272	2364	
2300	794	890	990	1087	1188	1286	1385	1479	1583	1686	1779	1877	1978	2075	2176	2275	2373	2474	
2400	826	927	1029	1135	1238	1342	1446	1552	1651	1753	1859	1963	2066	2167	2272	2373	2477	2581	
2500	858	968	1074	1184	1291	1400	1505	1615	1719	1828	1935	2043	2146	2256	2364	2474	2581	2685	

The distance between the centres of each bar is approximately 125 mm.

Overview

COMMON APPLICATIONS

Ideal for higher security domestic and commercial applications where removal of the security device is not required. A very useful option for openings that fall below the minimum size for SeceuroGuard 1000 retractable security gates.

STANDARD COLOURS

This product can be powder with coated any of the stock colours listed on page 64 at no extra cost.

Please note that if this product is being installed externally we recommend that you select the zinc base primer option.



THIS PRODUCT CAN BE POWDER COATED
See page 64

CONSTRUCTION

Square Bar 20 mm
Round Bar 16 mm

FRAME

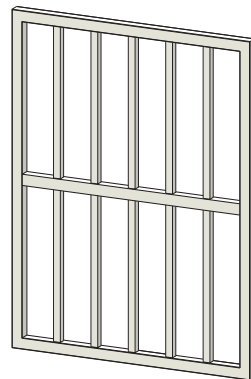
40 x 40 steel box
30 x 30 steel box

SPREADER BARS

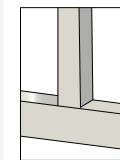
40 x 40 steel box
30 x 30 steel box

WEIGHT

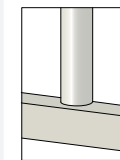
35 Kg/sqm
25 Kg/sqm



FIXED WINDOW BAR



SQUARE BAR



ROUNDED BAR

OPTIONS

CUT OUTS

£87.25 each
Available as either a 3 sided or 4 sided cut out.
Please specify on your order the type, size and location of the cut out required.

LUGS

£85.45 per linear metre
Available for face or reveal fixing

ZINC BASE PRIMER

Recommended if the bars are being installed externally
£101.81 per square metre



STANDARD BAR GATE OVERVIEW

- 40 mm box frame
- 40 mm box gate
- 16 mm infill
- Small slam plate
- 3 x hinges
- Fixing holes
- Powder coated
- Lock box with 5 lever lock

£1140.07 + VAT

Standard Bar Gate available up to 2 m²



Diamond Mesh Grilles

Width (mm)

	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
800	161	179	220	220	243	260	282	288	319	338	360	380	403	418	439	460	480	498
900	179	200	224	248	270	293	314	321	360	382	406	427	451	472	494	514	540	561
1000	199	224	263	292	314	341	368	394	422	444	473	549	527	552	575	603	628	658
1100	220	247	288	315	349	377	439	435	461	489	520	540	575	607	634	664	693	721
1200	243	270	314	349	379	408	514	473	506	534	567	599	628	662	693	723	753	784
1300	260	293	338	377	408	443	475	512	548	579	614	645	683	717	749	782	819	851
1400	282	314	368	406	439	475	514	552	589	626	662	695	734	773	810	842	881	921
1500	301	337	394	435	473	512	552	591	628	666	708	748	784	827	866	903	943	985
1600	319	360	422	461	506	548	589	628	668	714	753	797	837	881	925	966	1004	1047
1700	338	385	444	489	534	579	626	666	714	755	802	845	890	933	981	1024	1069	1112
1800	360	406	473	520	567	614	662	708	753	802	846	896	943	992	1039	1087	1131	1180
1900	380	427	495	549	599	645	695	748	797	845	896	944	995	1046	1097	1147	1192	1246
2000	403	451	527	575	628	683	734	784	837	890	943	995	1047	1102	1154	1206	1258	1310
2100	418	472	549	607	662	717	773	827	881	933	992	1046	1102	1155	1210	1265	1316	1375
2200	439	494	575	634	693	749	810	866	925	981	1039	1097	1154	1210	1268	1323	1381	1438
2300	460	514	600	664	723	782	842	903	966	1024	1087	1147	1206	1265	1323	1383	1440	1507
2400	480	540	628	693	753	819	881	943	1004	1069	1131	1192	1258	1316	1381	1440	1513	1573
2500	498	561	658	721	784	851	921	985	1047	1112	1180	1246	1310	1375	1438	1507	1573	1641

Square Mesh Grilles

Width (mm)

	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
800	174	196	214	242	257	282	301	321	348	365	386	408	429	453	472	492	514	539
900	196	215	238	264	292	314	338	361	386	409	436	460	486	508	531	556	581	605
1000	214	244	283	311	338	368	398	424	451	479	509	534	563	594	618	648	679	705
1100	242	264	311	341	372	405	436	467	494	528	558	591	618	654	683	714	747	777
1200	257	292	338	372	407	438	474	509	540	574	610	643	679	712	747	779	815	843
1300	282	314	368	405	438	475	514	552	587	625	662	695	733	772	805	842	880	919
1400	301	338	398	436	474	514	556	594	629	668	712	749	786	828	868	904	944	990
1500	321	361	424	467	509	552	594	634	679	718	758	804	843	887	931	972	1010	1054
1600	348	386	451	494	540	587	629	679	721	770	815	857	902	944	992	1039	1082	1125
1700	365	409	479	528	574	625	668	718	770	817	864	911	958	1004	1050	1102	1149	1193
1800	386	436	509	558	610	662	712	758	815	864	914	963	1010	1064	1114	1166	1217	1268
1900	408	460	534	591	643	695	749	804	857	911	963	1016	1069	1124	1177	1231	1282	1339
2000	429	486	563	618	679	733	786	843	902	958	1010	1069	1125	1182	1241	1299	1352	1410
2100	453	508	594	654	712	772	828	887	944	1004	1064	1124	1182	1243	1303	1362	1420	1481
2200	472	531	618	683	747	805	868	931	992	1050	1114	1177	1241	1303	1364	1425	1486	1551
2300	492	556	648	714	779	842	904	972	1039	1102	1166	1231	1299	1362	1425	1488	1554	1619
2400	514	581	679	747	815	880	944	1010	1082	1149	1217	1282	1352	1420	1486	1554	1620	1689
2500	539	605	705	777	843	919	990	1054	1125	1193	1268	1339	1410	1481	1551	1619	1689	1760

Overview

COMMON APPLICATIONS

Ideal for internal, higher security, domestic and commercial applications where removal of the security device is not required. A very useful option for openings that fall below the minimum size for SeceuroGuard 1000 retractable security gates.

CONSTRUCTION

MESH OPTIONS

Constructed from steel the mesh is available in either a diamond or square pattern

DIAMOND PATTERN

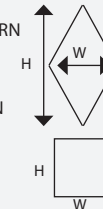
H = 77 mm

W = 33 mm

SQUARE PATTERN

H = 25 mm

W = 25 mm



FRAME OPTIONS

The frame can be constructed from any of the following sections:

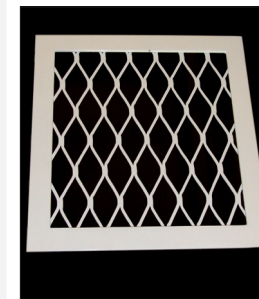
25 mm flat steel

12 mm x 12 mm steel box

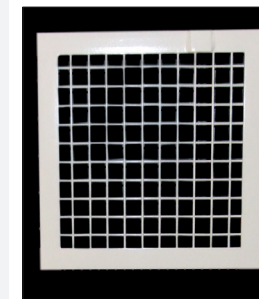
25 mm x 25 mm steel angle

STANDARD COLOURS

This product can be powder coated any of the stock colours listed on page 64 at no extra cost.



DIAMOND MESH



SQUARE MESH

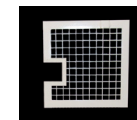
OPTIONS

CUT OUTS

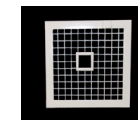
£88.94 each

Available as either a 3 sided or 4 sided cut out.

Please specify on your order the type, size and location of the cut out required.



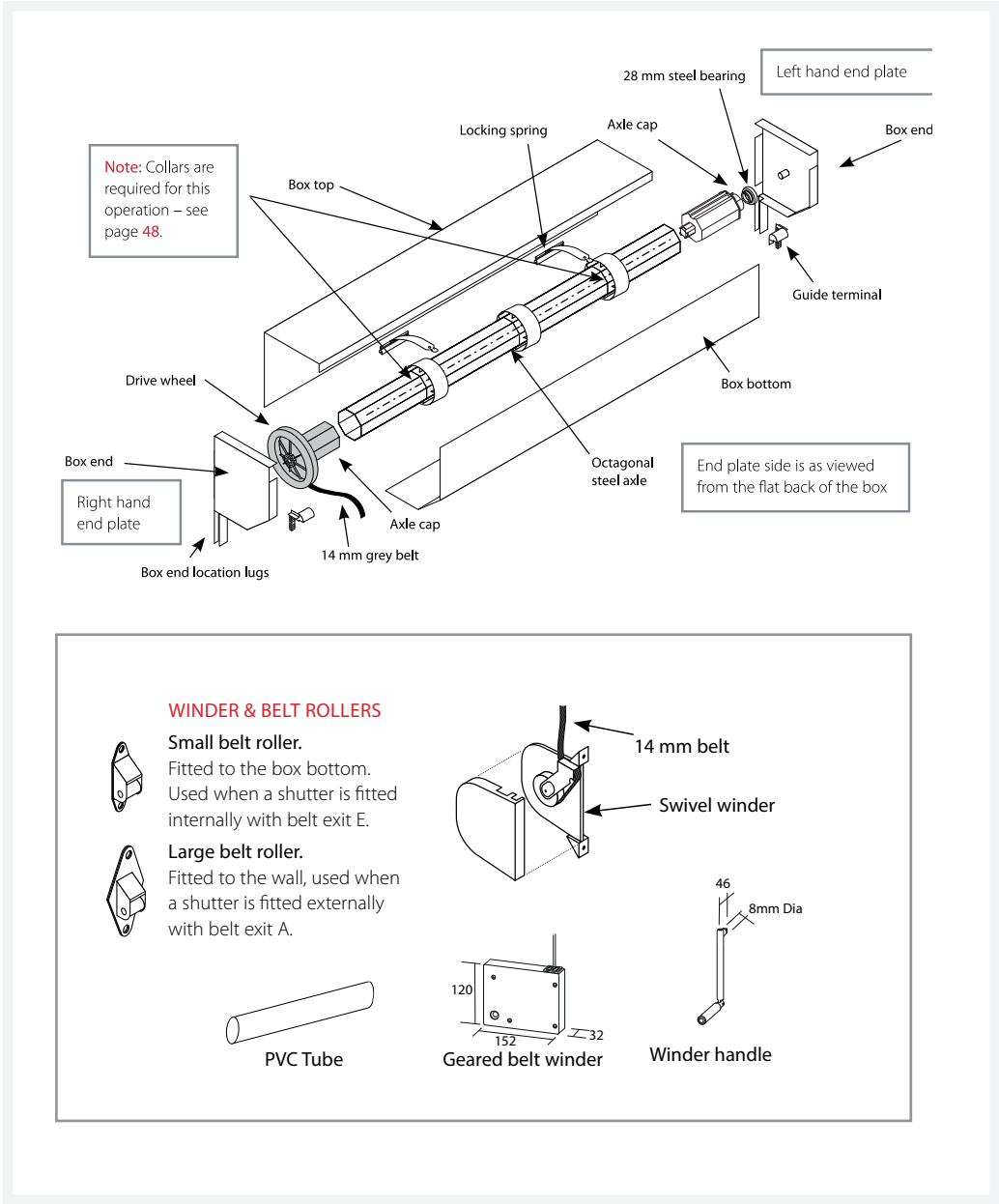
3 sided cut out



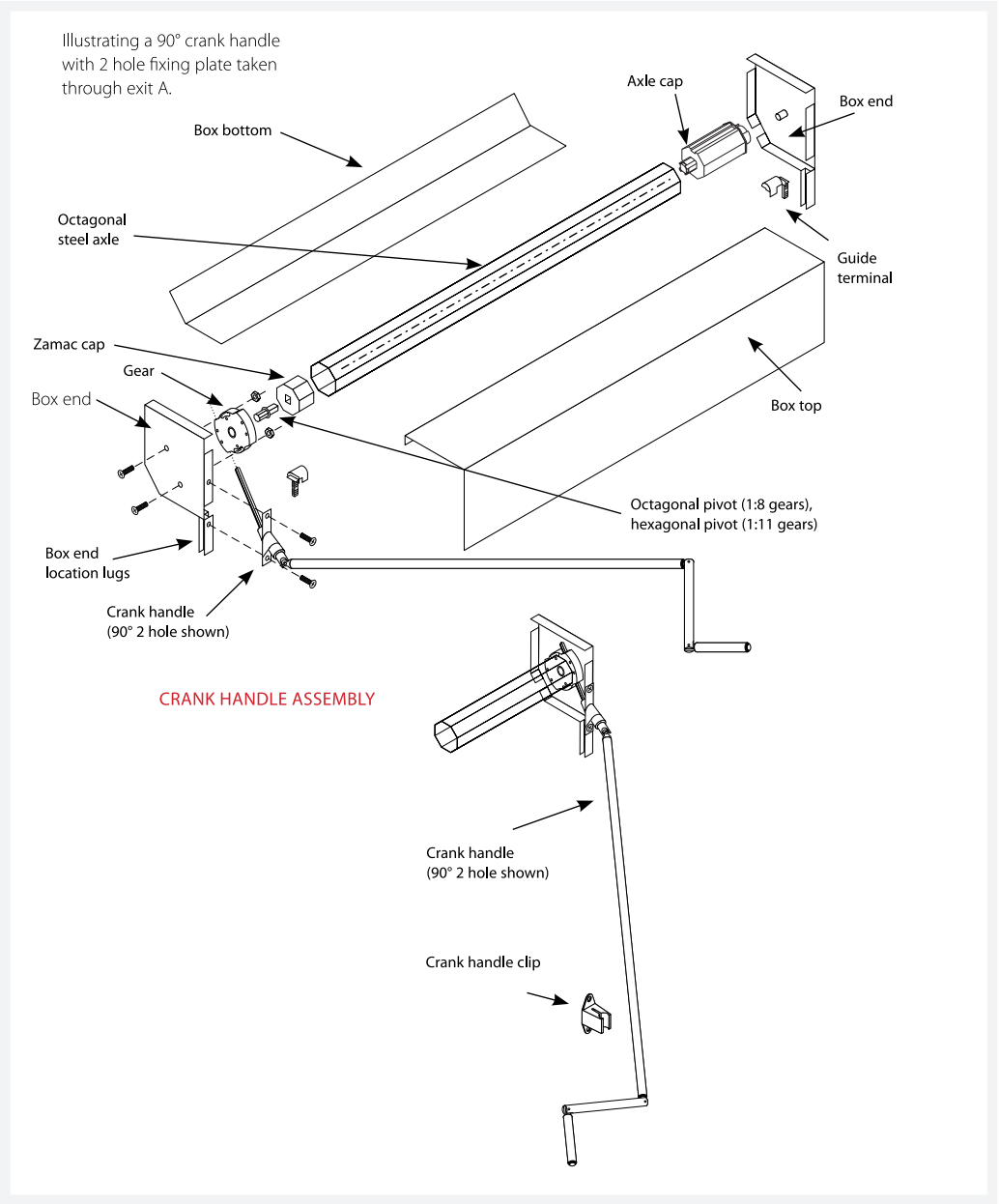
4 sided cut out

Shutter Standard Component Parts - SeceuroShield 150/T, SeceuroShield 38, SeceuroVision 38

Belt Operation

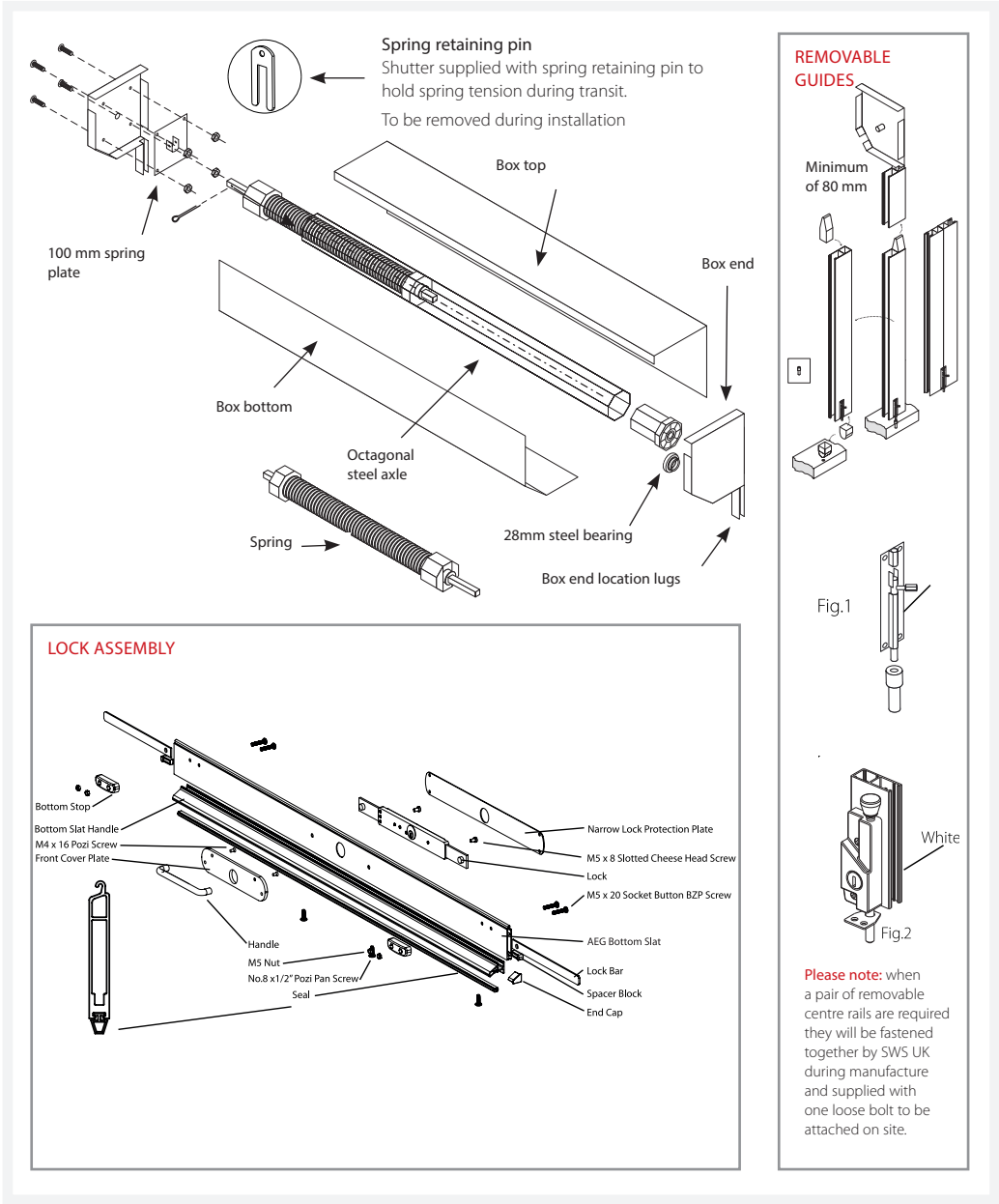


Rod Crank Operation

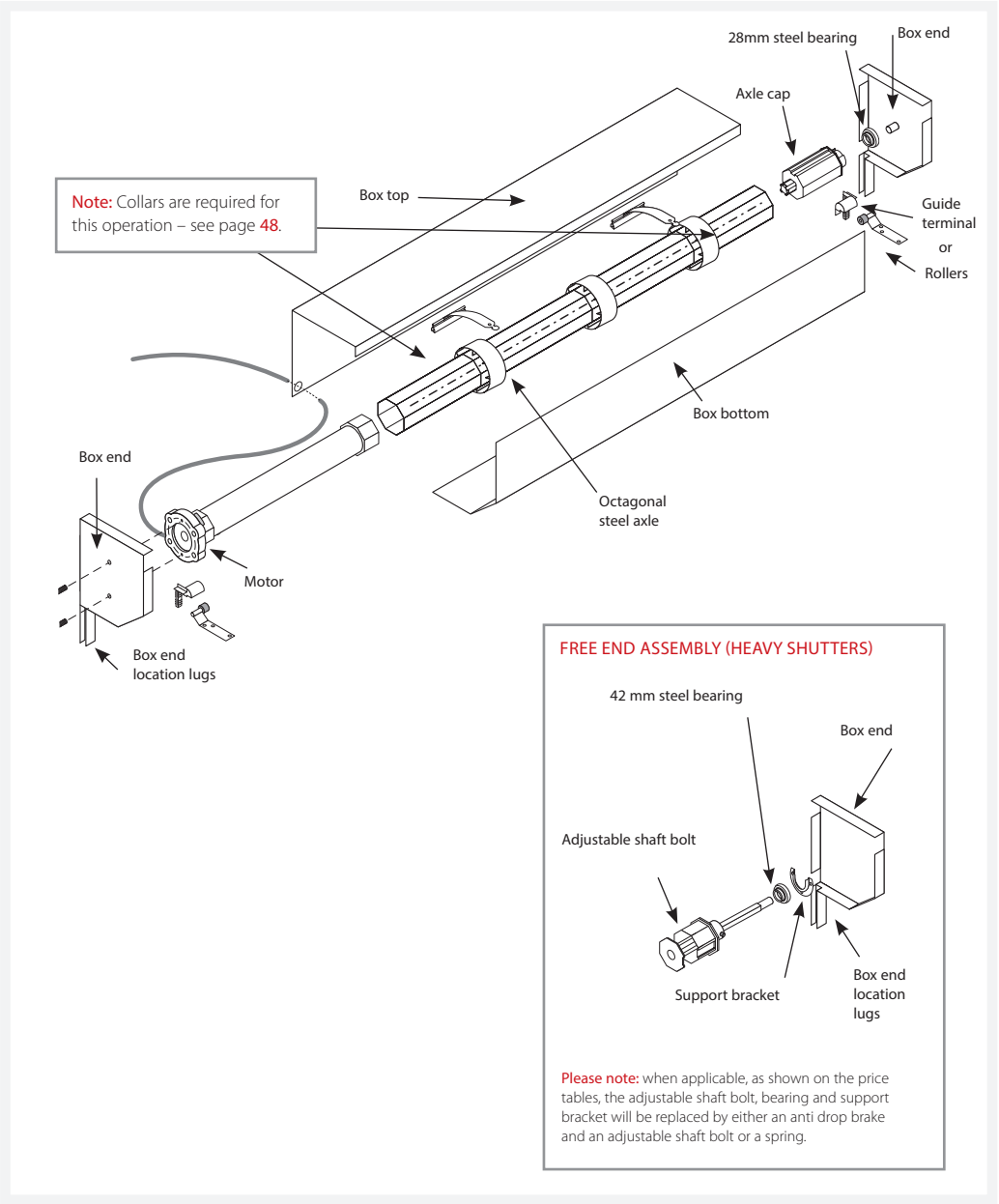


Shutter Standard Component Parts - SeceuroShield 150/T, SeceuroShield 38/60/77, SeceuroVision 38/800/900

Spring and Lock Operation



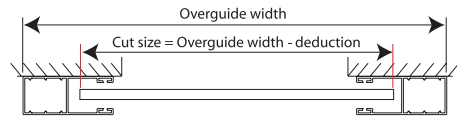
Electric Operation



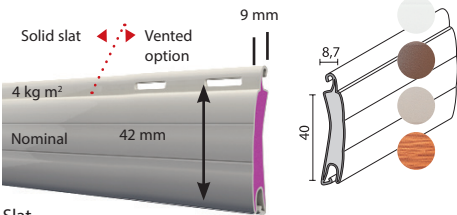
Components - Slats & Endlocks

Please note: ORDERING – when ordering any slats, bottom slats or ready made curtains, please provide us with the cut size of the part(s) required. If you provide us with an overguide width or an over endlock width you must make this very clear on your order. Curtain prices include endlocks and a bottom slat and the prices will not be reduced if end locks or the bottom slat is not required. If the bottom slat requires a bottom slat lock fitted, the bottom slat will need to be 10 mm longer than slat length (with the exception of SeceuroVision 900) and a surcharge of **£59.28** must be applied for supplying and fitting the lock.

Slat Cutting Size



SECEUROSHIELD 150/T



Slat
SeceuroShield 150/T uses a double skin foam filled aluminium slat, Spring and lock operated shutters are supplied non-vented as standard all other operations vented as standard but also available non-vented.

Stock lengths 6.5 metres

[YSL151T1 Vented / YSL150T1 Unvented](#) per metre **£5.59**

CURT CD150 Ready made curtain **£156.02/m²**

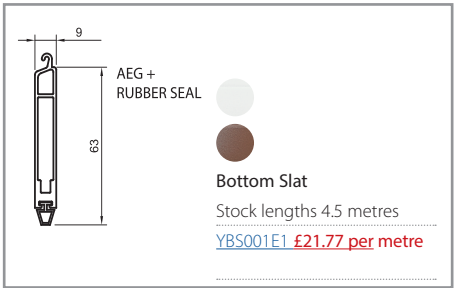
Endlocked with AEG bottom slat attached. The bottom slat will have a rubber seal fitted.

Deduction from overguide width				
H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

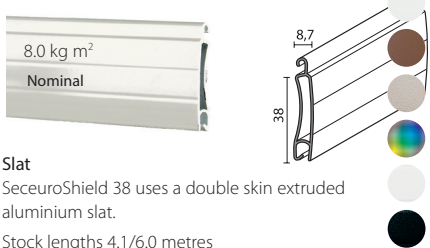
Endlocks

Fitted two per slat, every other slat.
The endlocks are stapled in place. For on site repairs the endlocks can be rivetted in place using 3.2 x 4 mm rivets.

[EL40010](#) Endlock **£1.03**



SECEUROSHIELD 38



Slat
SeceuroShield 38 uses a double skin extruded aluminium slat.

Stock lengths 4.1/6.0 metres

[YSL380E1](#) per metre **£10.21**

CURT CD38 PC Ready made curtain **£253.40/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard. Can be supplied with rubber seal in place of reinforcing angle as a no cost option.

Deduction from overguide width				
H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

Endlocks

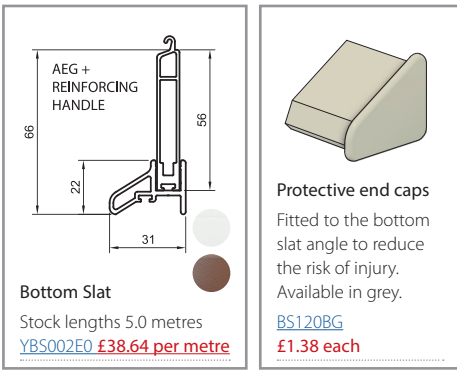
Fitted two per slat, every other slat.
Slats are crimped to hold the endlock in place.
For on site repairs the endlocks can be rivetted in place using 4 x 6 rivets.

[EL38010](#) Endlock **£1.03 each**

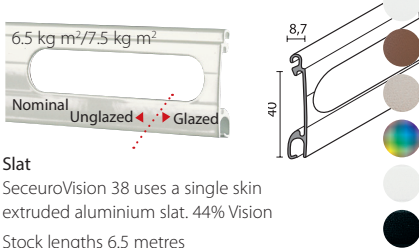
Wind Endlocks (H40/S guide rails only)

Wind endlocks fitted in every gap between the standard endlocks for the first four gaps on each side. They are then fitted every fourth endlock gap up to 3/4 of the curtain height. The wind endlocks are rivetted in place using 3.2 x 4 mm rivets.

[EL38110](#) Endlock **£1.70 each**



SECEUROVISION 38 PUNCHED



Slat
SeceuroVision 38 uses a single skin extruded aluminium slat. 44% Vision

Stock lengths 6.5 metres

[YSL382H1](#) per metre **£12.69**

CURT CD38 Punch Ready made curtain **£329.72/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard.

Deduction from overguide width				
H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

Endlocks

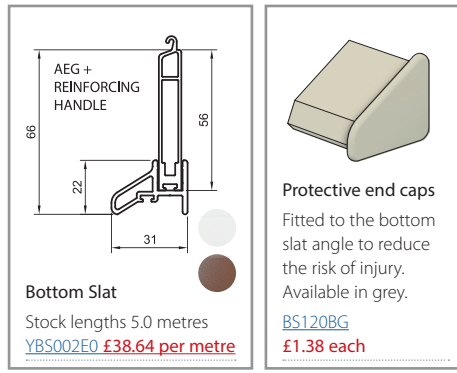
Fitted two per slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

[EL385E0](#) Endlock **£1.01 each**

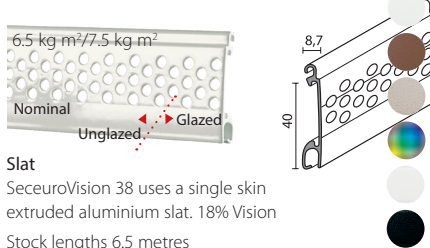
Glazing

Clear polycarbonate insert
1.0 mm thick 27 mm wide x 1250 mm long.

[YSL851E0](#) Glazing **£3.04/m**



SECEUROVISION 38 PERFORATED



Slat
SeceuroVision 38 uses a single skin extruded aluminium slat. 18% Vision

Stock lengths 6.5 metres

[YSL382H1](#) per metre **£12.69**

CURT CD38 PERF Ready made curtain **£329.72/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard.

Deduction from overguide width				
H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

Endlocks

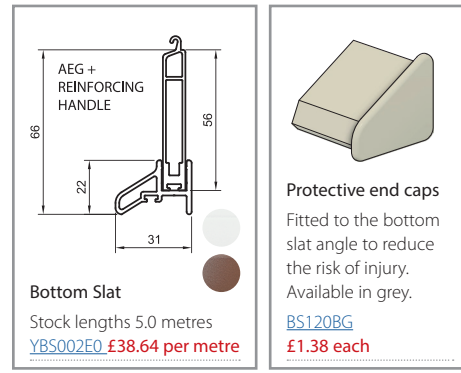
Fitted two per slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

[EL385E0](#) Endlock **£1.01 each**

Glazing

Clear polycarbonate insert
1.0 mm thick 27 mm wide x 1250 mm long.

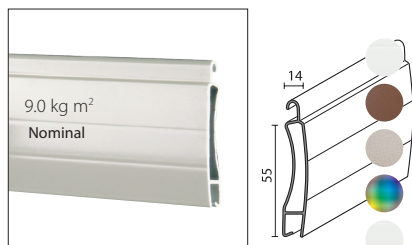
[YSL851E0](#) Glazing **£3.04/m**



Components - Slats & Endlocks

Please note: POWDER COATING – The prices shown on these pages are applicable for the colours listed for each profile on these pages. The extruded profiles marked  are also available in a range of colours listed in the stock colour range (see page 64) for a surcharge.

SECEUROSHIELD 60



Slat

SeceuroShield 60 uses a double skin extruded aluminium slat.

Stock lengths 4.1/5.2/6.0 metres

[YSL552E1](#) per metre **£17.60**

CURT CD60 PC Ready made curtain **£323.51/m²**

Endlocked with AEGX bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard.

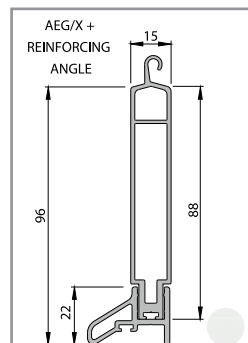
Deduction from overguide width

UPH140	UPH240	UPH250
75 mm	95 mm	105 mm

Endlocks

Fitted two per slat, every other slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

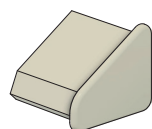
[EL600A0](#) Acra CD60 Endlock **£2.11 each**



Bottom Slat

Stock lengths 6.5 metres

[YBS003E1](#) **£53.83 per metre**

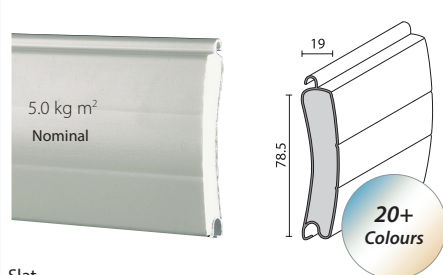


Protective end caps

Fitted to the bottom slat angle to reduce the risk of injury. Available in grey.

[BS120BG](#) **£1.38 each**

SECEUROSHIELD 77



Slat

SeceuroShield 770 uses a double skin foam filled aluminium slat.

Stock lengths 5.5/7 metres

[YSL770A1](#) per metre **£16.09**

CURT CD77 PC Ready made curtain **£201.59/m²**

Endlocked with AEG/DW bottom slat attached. The bottom slat will have a rubber seal fitted.

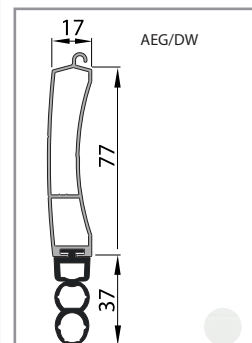
Deduction from overguide width

UPH250
100 mm

Endlocks

Fitted two per slat, every other slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

[EL770I0](#) CD77 Endlock **£1.38 each**

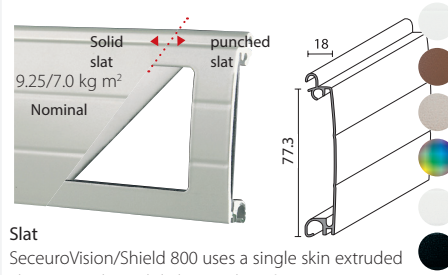


Bottom Slat

Stock lengths 7 metres

[YBS004E1](#) **£35.42 per metre**

SECEUROVISION/SHIELD 800



Slat

SeceuroVision/Shield 800 uses a single skin extruded aluminium slat. Solid Slat 9.25 kg m². Punched 7.0 kg m² 58.5% Vision

Stock lengths 7.0 metres

[YSL801E1](#) per metre **£27.63**

CURT CD800 PC Ready made curtain **£362.90/m²**

Endlocked with AEG/DW bottom slat attached. The bottom slat will have a rubber seal fitted.

Deduction from overguide width

UPH250
100 mm

Endlocks

Fitted two per slat, left and right handed profiles. The endlocks are screwed in place.

Screws supplied 8 x 1/2 inch pozi pan dome head self tapping.

[EL800I0](#) Left Endlock **£2.76 each**

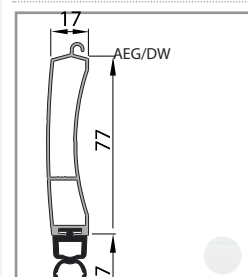
[EL800R0](#) Right Endlock **£2.76 each**



Glazing

Clear polycarbonate insert 1.5 mm thick 69.25 mm wide x 2050 mm long.

[YSL850E0](#) Glazing **£7.39 per metre**



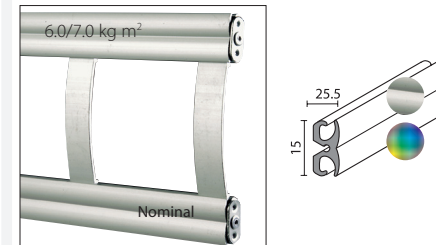
Bottom Slat

Stock lengths 7 metres

[YBS004E1](#) **£35.42 per metre**



SECEUROVISION 900



Slat

SeceuroVision 900 uses an extruded aluminium slat. 150 mm link spacing 6 Kg/sqm with 69% vision as standard or optional 75 mm link spacing 7 Kg/sqm with 55% vision (shown)

Stock lengths 6.0 metres

CURT CD900 Ready made curtain **£305.15/m²**

150 mm x 70 mm spacing

CURT CD900S Ready made curtain **£352.21/m²**

75 mm x 70 mm spacing

Endlocked with AEGX bottom slat attached. The bottom slat is extruded aluminium with reinforcing angle fitted with protective cover caps and no seal.

Deduction from overguide width

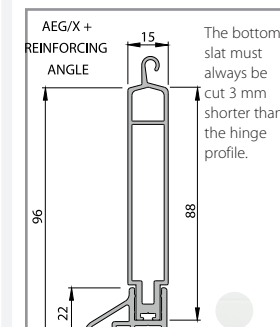
UPH140	UPH240	UPH250
74 mm	92 mm	105 mm

Endlocks

Fitted two per hinge bar. The endlocks are screwed in place. Consists of a washer and an 8 x 1/2 inch pozi pan flange headed self tapping screw.

[W117WS](#) Screw **£0.31 each**

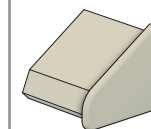
[EL701S0](#) Washer **£2.76 each**



Bottom Slat

Stock lengths 6.5 metres

[YBS003E1](#) **£53.83 per metre**

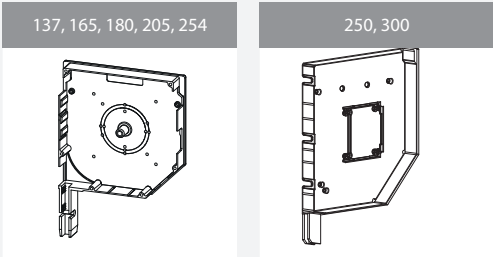


Protective end caps

Fitted to the bottom slat angle to reduce the risk of injury. Available in grey.

[BS120BG](#) **£1.38 each**

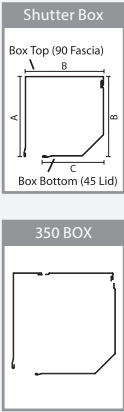
Components, End Plates & Shutter Box



Steel end plates are supplied as standard on all SeceuroShield 3801 shutters, on all shutters in excess of 75 kg in weight.
PLEASE NOTE ALL END PLATES AND BOXES LISTED ARE ALUMINIUM UNLESS STATED OTHERWISE.

End Plates		
Box Type	Price Per Pair	Code
137	£32.29	BX370E1
165	£31.65	BX650E1
180	£33.74	BX800E1
205	£39.99	BX050E1
254*	£78.54	BX540E1
250	£78.54	BX500E1
300	£95.68	BX000E1
350 (steel)	£141.67	BX350S0

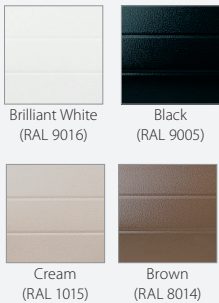
* Please note the 254 (small lug) end plates are for use with SeceuroShield CD150/T, SeceuroVision 38 and SeceuroShield 38 only (when the overall shutter height is greater than 2800 mm).



Box Type	Dimensions			Box Top		Box Bottom	
	A	B	C	Code	Per metre	Code	Per metre
137	137	142	105	YBX370T1	£28.03	YBX370B1	£21.33
165	169	165	125	YBX650T1	£32.20	YBX650B1	£24.50
180	183	180	147	YBX800T1	£40.92	YBX800B1	£33.00
205	210	205	171	YBX050T1	£49.03	YBX050B1	£38.47
250	256	250	205	YBX500T1	£63.02	YBX500B1	£59.24
300	312	300	258	YBX000T1	£81.45	YBX000B1	£66.01
350	348	350	235				
350 Box Options		Colour	Code	Price			
[1] 350 box 90 fascia		White	YBX350R1	£72.27			
		Brown	YBX350R2	£68.88			
[2] 350 box 45 lid		White	YBX350B1	£56.83			
		Brown	YBX350B2	£54.16			
[3] 350 box top		White	YBX350T1	£38.66			
		Brown	YBX350T2	£36.85			

Please note all box top and bottom profiles are stocked in 6 metre lengths.

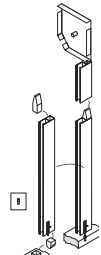
STOCK COLOURS:
Boxes and end plates are available in Brilliant White, Brown, Cream and Black as standard. There is also a range of colours available for a surcharge, see page 64 for further details.




Guide Terminals & Rollers

	Shutter						
	150	38	3801	60	77	800	900
<div>Small Guide Terminal Colour: White or Brown Code: YBX030A1 £4.02 per pair</div> 	✓						
<div>Heavy Duty Guide Terminal Colour: White Code: BX040A1 £4.14 per pair</div> 		✓					
<div>ER 30 mm Flat Plate Roller Left: BX060L0 Right: BX060R0 £28.87 each</div> 	Supplied with rollers when 250 mm end plates are required	Supplied with rollers when either 250 mm or steel end plates are required	✓		✓		
<div>Belled Guides No charge</div> 		SeceuroVision 38 supplied with belled guide rails		✓		✓	✓

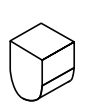
Counter Accessories



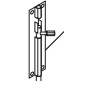
Removable guide rail
Code: YACCS REMRAILS
£114.42 per pair



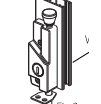
Removable guide rail with lockable shoot bolts
Code: YACCS REMLOCK
£188.42 per pair
See page 22 for further details of removable guide rails.



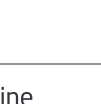
Nylon guide rail lug for the top of a removable guide rail
Large: [GU007H1](#)
Small: [GU007H3](#)
£9.97 each




Nylon guide rail skid for the base of a removable guide rail
Large: [GU007H2](#)
Small: [GU007H4](#)
£9.97 each



Chrome 57 mm shoot bolt for bar top recess
Code: [GU09000](#)
£13.80 each



Lockable shoot bolt
White: [GU009H0](#)
Brown: [GU009B0](#)
£95.61 each



Dust cap/bar top recess
Code: [GU07000](#)
£18.69 each



Guide Rails

COLOURS: Guide rails are available in Brilliant White, Brown, Cream, Black or Mill (for powder coating) as standard. All guide rails are supplied with guide inserts fitted, unless full lengths are supplied or requested otherwise.



H17

Shutter Type:
■ Shield 150/T
■ Shield 38
Note: Cannot be used with vision slats.

Code: [YGU170B1](#)
Stock Length: 6000 mm
Each: **£34.59 per m**

H25

Shutter Type:
■ Shield 150/T
■ Shield 38
■ Vision 38

Code: [YGU250B1](#)
Stock Length: 6500 mm
Each: **£22.45 per m**

H30

Shutter Type:
■ Shield 150/T
■ Shield 38
■ Vision 38

Code: [YGU300B1](#)
Stock Length: 6500 mm
Each: **£38.64 per m**

H40/S

Shutter Type:
■ Shield 150/T
■ Shield 38
■ Shield 3801

Code: [YGU400B1](#)
Stock Length: 6500 mm
Each: **£60.98 per m**

UPH140

Shutter Type:
■ Shield 60 (205 mm box)
■ Vision 900 (205 mm box)

Code: [YGU404P1](#)
Stock Length: 4600 mm
Stock Length: 6000 mm
Each: **£50.77 per m**

UPH240

Shutter Type:
■ Shield 60 (250/300/350 mm box)
■ Vision 900 (250/300/350 mm box)

Code: [YGU403P1](#)
Stock Length: 6500 mm
Each: **£52.82 per m**

UPH250

Shutter Type:
■ Shield 600(250/300/350 mm box)
■ Vision 900 (250/300/350 mm box)
■ Vision 800 ■ Shield 77

Code: [YGU501A1](#)
Stock Length: 4600 mm
Stock Length: 5300 mm
Each: **£96.74 per m**

*Guide rails are also available in a range of RAL and BS colours, see page 64 for details (surcharge applies)

Inserts

5 mm guide brush

Code: [YGU030B0](#)
Stock Length: 1000 m
Each: **£1.11 per m**

H17, H25, H30, H34 & H40/S

4 mm PVC brush PEB4

Code: [YGU053P0](#)
Stock Length: 6.5 m
Each: **£4.57 per m**

UPH140, UPH240, UPH250 (Shutter type SeceuroShield 77
SeceuroVision 800 require 4 mm inserts on both sides)

7 mm PVC brush PEB7

Code: [YGU054P0](#)
Stock Length: 6.5 m
Each: **£6.17 per m**

UPH250 (Shutter type SeceuroShield 60 SeceuroVision 900 – see illustration right)

NOTE: If the insert is supplied loose or the guide rails are reduced in length, you must ensure the insert is crimped in place before installing the guide rails to prevent the insert from moving within the guide rails.

Cover Caps

13 mm cover caps are available to cover holes drilled for face fixing of guide rails.

Code:	GU01 - - -	Each:	£0.21 each
White 001	Brown 003	Green 00G	Black 00B
Grey 0GR	Cream 00C	Red 00R	Blue 0BL
Dark Grey 0GR			

FSA Guide Rail Bottom Plug

For use with H25 guide rails only (supplied as standard on a shutter with H25 guide rails)

Code: [GU04000](#)
Each: **£2.76**

H30 Guide Feet

Code: [GU301B0](#)
Each: **£22.83**

Bullet Locks

Tapped bullet lock housing for an aluminium guide rail:
Code: [GU090L0](#)
Each: **£20.75**

Bullet lock pin:
Code: [GU091L0](#)
Each: **£24.71**

(Only for use with H40/S & UPH250)

Prices shown are for the component parts supplied loose. If you require a price for the parts fitted please refer to the accessories section.

Guide Rail Stops

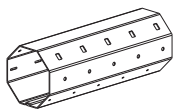
Optional L brackets, which when attached to the guide rails, enable the curtain of a spring loaded shutter to finish at a lower position of your choice, when the shutter is open.

Guide rail stop kit (1 pair of stops)
Code: [YBOTTOMSLATKIT](#)
Each: **£35.53**

You must indicate the fixing position if you require the L brackets to be supplied attached to the guide rails.

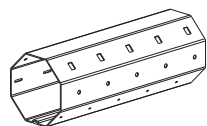
Please note this optional extra is not available for H40/S guide rails.

Axle Assembly - Axles, Axle Caps, Brackets, Bearings & Collars



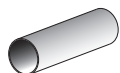
60/0.9 mm octagonal galvanised axle

Code: [YAX600R0](#)
Stock Length: 6500 mm
Price per m: **£13.08**



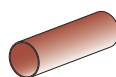
70/1.2 mm octagonal galvanised axle

Code: [YAX700R0](#)
Stock Length: 7000 mm
Price per m: **£17.83**



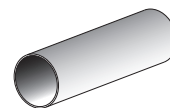
4" axle 16swg zinc coated (101.6 mm x 1.63 mm)

Code: [YAX130R0](#)
Stock Length: 6100 mm
Price per m: **£42.53**



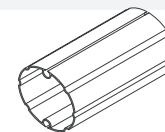
4" axle 10swg (red primed) plain finish (101.6 mm x 3.25 mm)

Code: [YAX130R1](#)
Stock Length: 6100 mm
Price per m: **£53.18**



5" axle 10swg plain finish (127 mm x 3.25 mm)

Code: [YAX131R0](#)
Stock Length: 6100 mm
Price per m: **£60.27**



100 mm steel fluted axle

Code: [YAX900R0](#)
Stock Length: 7 m & 5.2 m
Price per m: **£38.10**

4" 10swg with round discs dummy end for use with safety brake

Code: [SD200B0](#)
Each: **£57.85**

4" 16swg with round discs dummy end for use with safety brake

Code: [SD210B1](#)
Each: **£56.31**

5" 10swg with round discs dummy end for use with safety brake

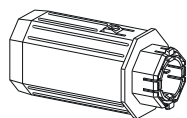
Code: [SD220B0](#)
Each: **£64.84**

60 mm adjustable shaft bolt for safety brake

Code: [SD230B0](#)
Each: **£21.31**

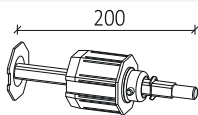
70 mm adjustable shaft bolt for safety brake

Code: [SD240B0](#)
Each: **£42.99**



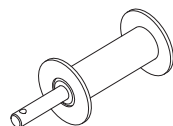
60 mm Mini Spring Axle Cap

Code: [AX606E0](#)
Each: **£4.15**
Max weight limit 40 kg



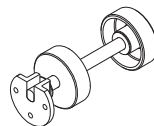
60 mm adjustable PVC shaft bolt

Code: [AX600S0](#)
Each: **£16.93**
Max weight limit 50 kg Secure with Jubilee clip for extra safety



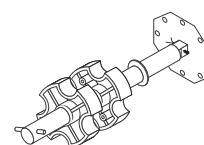
4" 16swg heavy duty plug end & bracket (101.6 mm x 1.63 mm)

Code: [MT136M1](#)
Each: **£112.54**



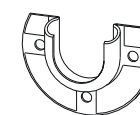
5" dummy end & bracket (127 mm x 3.25 mm)

Code: [MT137M1](#)
Each: **£85.46**



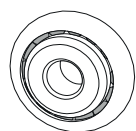
100 mm fluted axle dummy end

Code: [AX910A0](#)
Each: **£34.07**



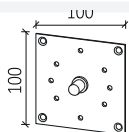
Support bracket 42 mm bearing

Code: [AX421B0](#)
Each: **£2.59**
Required to hold 42 mm bearing



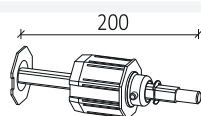
28 mm steel bearing

Code: [AX280B0](#)
Each: **£2.98**
Used with 60 mm axle cap



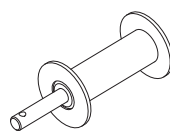
100 mm spigot plate

Code: [AX110P0](#)
Each: **£6.76**
Required for 28 mm bearing if there is no spigot on the end plate. Can also be used to mount an Ace gear



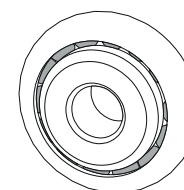
70 mm adjustable Aluminium shaft bolt

Code: [AX701S0](#)
Each: **£21.81**
Secure with Jubilee clip for extra safety



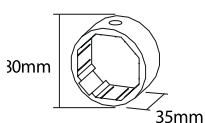
4" 10swg heavy duty plug end & bracket (101.6 mm x 3.25 mm)

Code: [MT137M2](#)
Each: **£38.05**



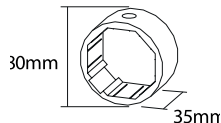
42 mm steel bearing

Code: [AX420B0](#)
Each: **£6.02**
Used with 60 mm and 70 mm adjustable shaft bolts



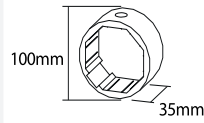
60/80 collar

Code: [AX600C0](#)
Each: **£3.87**
3 required per metre on 15 & 38



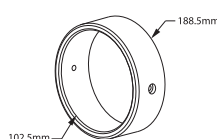
70/80 collar

Code: [AX700C0](#)
Each: **£11.56**
3 required per metre on 60



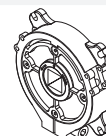
70/100 collar

Code: [AX701C0](#)
Each: **£3.87**
3 required per metre on 77, 800 & 900



100/118 collar

Code: [AX016E0](#)
Each: **£5.09**



Anti-drop brake RD80 (without limit switch)

Code: [SD150B0](#)
Each: **£180.15**
80 kg max weight

Please state on your order if you require the dummy end to suit an anti-drop brake and the type of axle it will be installed in. The dummy end will incur an additional charge.

Anti-drop brake RD150 (with limit switch)

Code: [SD160B0](#)
Each: **£257.54**
150 kg max weight

NOTES:

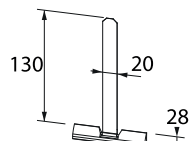
- Collars are required for belt operated and motorised shutters with 60 mm, 70 mm and 100 mm (4 inch) axles.
- All SeceuroShield 77, SeceuroVision 800 and 900 shutters require collars.
- Motorised SeceuroShield 60 shutters require collars.
- Motorised and belt operated SeceuroShield CD150/T and SeceuroShield 38 shutters require collars.
- Spring loaded SeceuroShield CD150/T, SeceuroShield 38 and 60 shutters DO NOT require collars.
- Rod crank operated shutters do not require collars.
- SeceuroShield 3801 shutters do not require collars.



Axle Assembly - Locking Springs, Belt & Rod Crank Drive Components

Lock Springs

For use with SeceuroShield 150, SeceuroShield 38, SeceuroVision 38

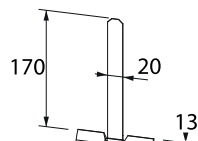


137/165 Locking Spring

Code: [AX370L0](#)

Box Type: 137/165

Each: **£2.98**

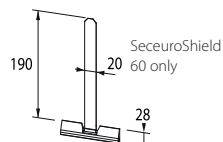


180/205 Locking Spring

Code: [AX800L0](#)

Box Type: 180/205

Each: **£3.08**



6000/5500 Locking Spring

Code: [AX500L0](#)

Box Type: 250/300

Each: **£5.86**



Shield 77 Locking Spring

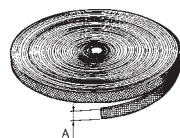
Code: [AX770L0](#)

Box Type: 250/300

Each: **£5.86**

Locking springs are not required for SeceuroVision 800 or 900. Curtains are screwed to the axles using small sections of slat. All spring loaded, rod crank operated and SeceuroShield 3801 shutter curtains are attached directly to the axle using screws. Beware of damaging the motor with over-long screws.

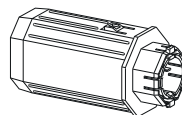
Belt Drive Components



14 mm grey belt

Code: [YBD14105](#)

Per metre: **£2.76**

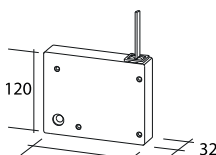


60 mm axle cap for drive wheel

Code: [AX601E0](#)

Each: **£2.67**

Requires a 28 mm steel bearing

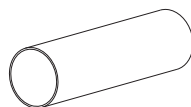


Geared belt winder

Code: [BD01000](#)

Each: **£45.56**

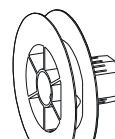
Belt and handle not included, lifting capacity 25 kg



White PVC Tube 3 m

Code: [BD05102](#)

Each: **£11.04**



Drive wheel

Size:

Code:

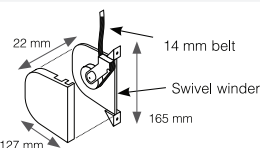
[125 mm/137 box](#) [BD12000](#)

[155 mm/165 box](#) [BD15000](#)

[170 mm/180 box](#) [BD17000](#)

[190 mm/205 box](#) [BD19000](#)

Each: **£6.92**



Medium white swivel winder

Code: [BD04001](#)

Each: **£24.86**

Belt not included, lifting capacity 15 kg

Handle for geared belt winder

Code: [BD02009](#)

Each: **£23.47**

Required for geared belt winder

Large belt roller with brush

Code: [BX010A1](#)

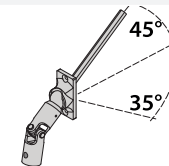
Each: **£4.08**

Small belt roller with brush

Code: [BX020A1](#)

Each: **£3.63**

Rod Crank Drive Components For Built-On Shutters



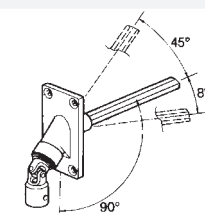
2 hole 45 degree joint only

Recommended exits = E, F

Hexagonal bar length = 480 mm

Code: [GD02003](#)

Each: **£26.62**



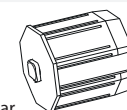
4 hole 90 degree joint only

Recommended exits = A, B

Hexagonal bar length = 480 mm

Code: [GD04103](#)

Each: **£41.41**



Zamac cap for gear

Axle:

Code:

Each:

[60 mm](#)

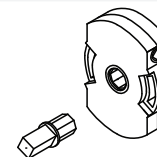
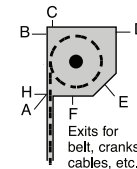
[AX600E0](#)

£9.02

White crank handle clip

Code: [GD11001](#)

Each: **£1.38**



Ace gear with octagonal hole

Gear:

Code:

Each:

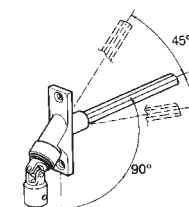
[1:8\(20 kg\)](#) [GD06001](#)

£49.70

[1:11\(30 kg\)](#) [GD07001](#)

£49.70

To suit crank handles with 7 mm A/F hexagonal bar. These gear drives are no longer available for use with 8 mm square bar. When replacing an existing unit check the bar on the winding handle, if it is square you will also need to order a replacement joint for the winding handle.



2 hole 90 degree joint only

Recommended exits = A, B, D, H

Hexagonal bar length = 480 mm

Code: [GD04003](#)

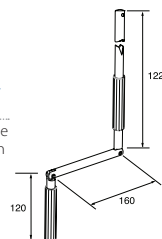
Each: **£38.66**

White crank handle

Code: [GD02002](#)

Each: **£31.75**

The aluminium tube enables easy length adjustment on site. Does not include joint – see above for joints.

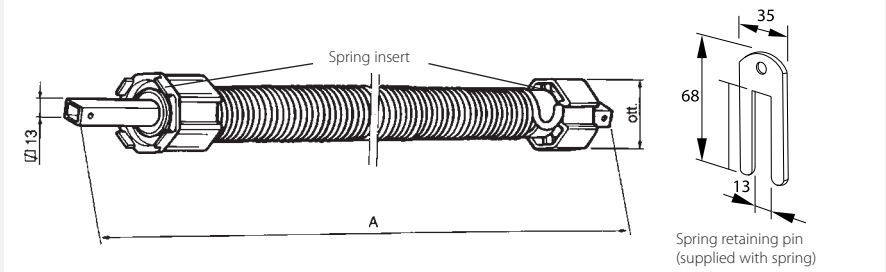


Spring Fittings

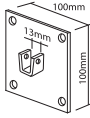
Description	Spring Length (A)	Max Lift Weight			Max No. Turns	Code	Price (£)
		60 mm AXLE	70 mm AXLE	100 mm AXLE			
No.0 60 mm spring	650 mm	15 kg	13 kg		13	SP60000	£71.05
No.1 60 mm spring	860 mm	24 kg	22 kg		13	SP60100	£83.13
No.2 60 mm spring	940 mm	34 kg	32 kg		12	SP60200	£91.16
No.3 70 mm spring	1130 mm	50 kg	45 kg	37.5 kg	12	SP70300	£109.92
No.4 70 mm spring	1270 mm		75 kg	62.5 kg	12	SP70400	£120.64
No.5 100 mm spring	1030 mm			83 kg	10	SP80300	£171.76

Description	Code	Price (£)
60 mm Octagonal spring insert A	SP60A00	£5.94
60 mm Octagonal spring insert B	SP60B00	£5.94
70 mm Octagonal spring insert A	SP70A00	£5.94
70 mm Octagonal spring insert B	SP70B00	£5.94
100 mm Fluted spring insert A	AX014E0	£12.35
100mm Fluted spring insert B	AX015E0	£12.35

For each spring you will require an A and a B insert.

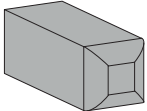


PLEASE NOTE AS STANDARD ALL SPRINGS ARE SUPPLIED WITHOUT SPRING INSERTS AND THESE MUST BE ORDERED SEPARATELY.

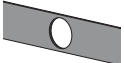


100 x 100 mm spring plate
Code: [AX120P0](#)
Each: **£6.24**

Bottom Slat Fittings

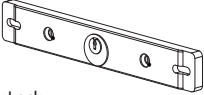


Spacer Block
Code: [BS173B0](#)
Cost: **£0.51 each**

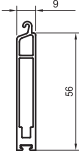


Narrow Lock Protection Plate
Code: [BS020L0](#)
Cost: **£9.10**

M5 x 20 Socket Button BZP screw
Code: [W1044WS](#)
Cost: **£0.22**



Key Lock
Code: [BS070L0](#)
Cost: **£40.97**
Please note that specific key numbers will incur a longer lead time



AEG Bottom Slat
Code: [YBS111E0](#)
Cost: **£44.35**



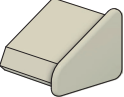
Bottom Slat handle
Code: [YBS121H1](#)
Cost: **£45.08**



Lock Bar
Code: [YBS130L1](#)
Cost: **£9.20**

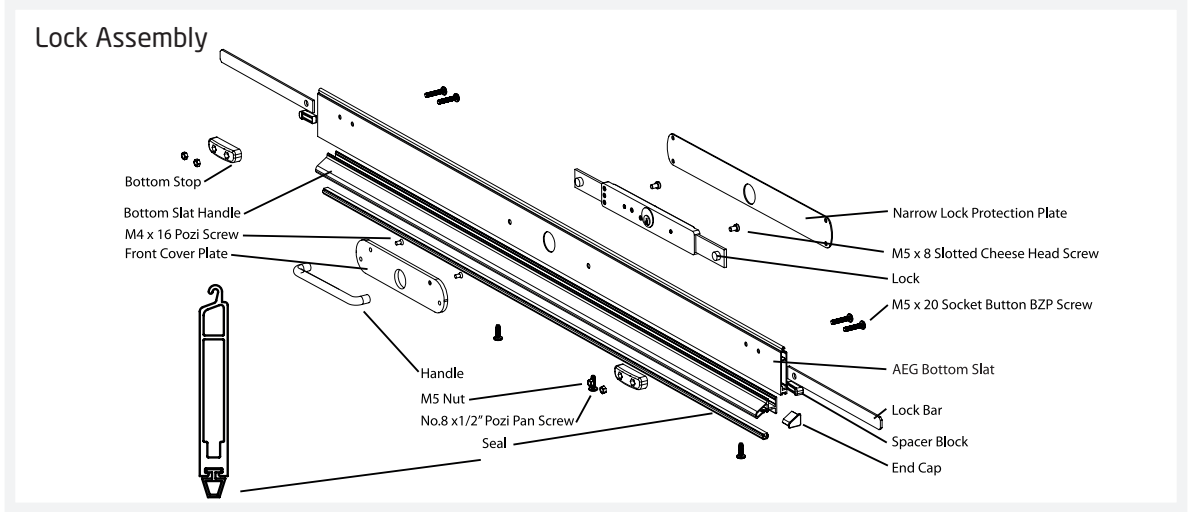


Front cover plate
Code: [BS121L0](#)
Cost: **£13.75**



End Cap
Code: [BS174B0](#)
Cost: **£0.91 per pair**

M4 x 16 Pozi screw
Code: [W1032WS](#)
Cost: **£0.13**



M5 Nut
Code: [W1125WS](#)
Cost: **£0.13 each**

M5 x 8 Slotted Cheese Head Screw
Code: [W1041WS](#)
Cost: **£0.13**



Handle External Use (stainless steel)
Code: [BS010H3](#)
Cost: **£30.45**

Handle Internal Use
Code: [BS010H2](#)
Cost: **£10.13**



Bottom Slat Stop
Code: [BS171B0](#)
Cost: **£1.23 each**

Seal
Code: [YBS111I0](#)
Cost: **£2.94 p/m**

Blank Key
Code: [BS071L2](#)
Cost: **£5.55**

Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		<input type="checkbox"/> Normal delivery run: w/c	<input type="text" value="DD"/> <input type="text" value="MM"/>			Customer/job ref.	
Application (brief description)		Specific delivery date-POA	<input type="text" value="DD"/> <input type="text" value="MM"/> <input type="text" value="YY"/>		POSTCODE	Quote ref.	FQ
						Prebook number.	

*Please note shutters installed on bar/servery areas and cabinets will be classified as door shutters.

ITEM	A QTY	B		C WINDOW (W) OR DOOR (D)	D		E BOTTOM SLAT	F		G						H		I		J		K		L					PRICE (£)
		OVERALL WIDTH INC. GUIDES (MM)	OVERALL HEIGHT INC. BOX (MM)		COLOUR	TYPE		COLOUR	SIZE	BUILT ON	SWIVEL BELT	GEARED BELT	ROD CRANK	SPRING & LOCK	MOTOR + OVER- RIDE	BELT OR CABLE	CRANK OR OVER- RIDE	LEFT	RIGHT	I	E	A	B	FACE FIX	SIDE FIX	UN- DRILLED	COLOUR	TYPE	

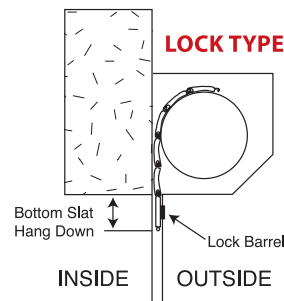
Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

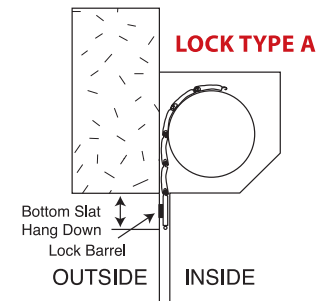
You must state in this special requirements section if any of the shutters on this order form will:

- Require an anti-fallback device (i.e. second spring or anti-dropbrake) as indicated on the appropriate price table
- Be installed out of sight of the control unit used to operate the shutter or controlled by impulse operation
- Cover a doorway which is the only point of exit or escape
- For advice on override handle selection please see pages 25 and 49 of the SeceuroShield Price List

EXTERNALLY FITTED (E)



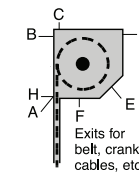
INTERNALLY FITTED (I)



NET PRICE £

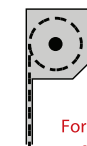
LOCKS		SOMFY MOTOR SURCHARGE	
Keyed alike?	YES/NO	£30 NET	YES/NO

EXIT (see column H)



If ordering a crank operated shutter or a shutter with manual override please state the type of crank / override handle required. *Please state in Special Requirements if shutter will cover a doorway which is the only point of exit or escape.

SIDE OF OPERATION (see column I)



For built-on shutters, the side of operation is viewed from the coil side.

For further clarification, please refer to SWS Online or speak to Customer Services on 01524 772 400

NOTE: If one guide rail is face fixed and one guide rail is side fixed you must clearly state on this order form which guide rail is face and which is side.

FOR OFFICE USE ONLY:

ACCOUNT CODE		ORDER NUMBER		MNFG DATE	
TIME RECEIVED		D&T PLNG		METHOD	SWS/
D&T PROCESSED		D&T FAXED		ROUTE	A B C D E F G H
				DESPATCH DATE	
				DELIVERY DATE	

ISSUE 2: APRIL 2017

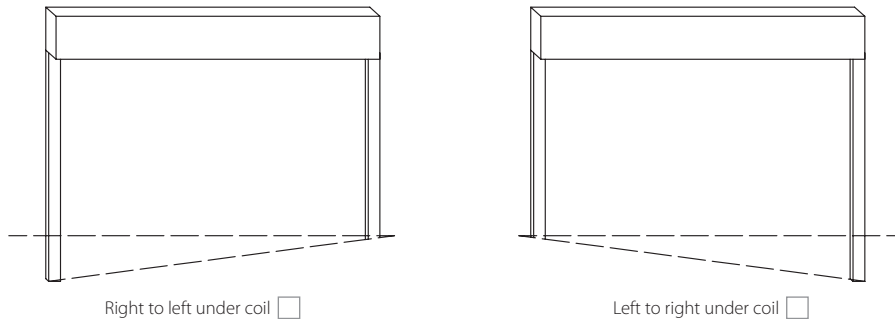
Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Delivery w/c		POSTCODE		Customer/job ref.	
						Prebook number.	

This order form must be used in addition to the standard shutter or SeceuroGlide order form when a sloping bottom slat is required. Please ensure that you answer all the questions on the form to prevent your order from being delayed.

Please note: This order form is accompanied by information in the right hand column detailing important surveying and ordering advice. Please tick this box to confirm that you have read this information. ☐

1. ITEM REFERENCE:	
Overall door width (mm) [max. 5000 mm wide]:	
2. PRODUCT TYPE:	
SeceuroGlide (AEG/X) <input type="checkbox"/>	SeceuroShield 60 (AEG/X) <input type="checkbox"/>
SeceuroGlide Compact (AEG) <input type="checkbox"/>	SeceuroShield 77 (AEG/X) <input type="checkbox"/>
SeceuroVision 800 (AEG/X) <input type="checkbox"/>	
SeceuroVision 900 (AEG/X) <input type="checkbox"/>	
3. GUIDE RAIL TYPE:	
UPH140 (compact only) <input type="checkbox"/>	H75 (available with SeceuroGlide only) <input type="checkbox"/>
UPH250 <input type="checkbox"/>	
4. BOTTOM SLAT COLOUR:	
Height difference (h) see diagrams below (mm):	

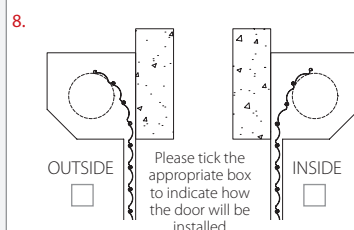
5. PLEASE SELECT THE PICTURE BELOW THAT SHOWS THE CORRECT SLOPE, ALWAYS VIEWED FACING THE COIL:



6. SLOPING BOTTOM SLAT TO BE SUPPLIED ATTACHED TO THE CURTAIN?
YES ☐ NO ☐ (tick as appropriate) *will be supplied attached if not specified*

7. WILL THIS DOOR BE CONTROLLED BY A REMOTE CONTROL?
YES ☐ NO ☐ (tick as appropriate)

Please note if a bottom slat transmitter is required it will have to be installed on the side with the shorter guide rail.



SLOPING BOTTOM SLATS

IMPORTANT INFORMATION REGARDING SURVEYING AND ORDERING

1. MUST BE ORDERED USING THE ORDER FORM

No orders will be accepted for sloping bottom slats unless they are ordered using the SWS UK sloping bottom slat order form. This will ensure you receive the product you require.

2. NO BOTTOM SLAT LOCKS

Unfortunately it is not possible for us to supply a sloping bottom slat with a bottom slat lock fitted.

3. RUBBER SEAL ONLY

All sloping bottom slats will be supplied with the rubber seal used on our SeceuroGlide range. We are unable to supply a sloping bottom slat with a bottom slat reinforcing handle.

4. NO WOODGRAIN FINISH AVAILABLE

We are unable to supply sloping bottom slats in any of our range of woodgrain finishes.

5. ONLY AEG/X BOTTOM SLAT

Unless supplied with a SeceuroGlide Compact a sloping bottom slat will always be constructed from an AEG/X bottom slat. Please note that this differs from the standard bottom slat supplied with SeceuroShield 77, SeceuroVision 800 and SeceuroGlide. A sloping bottom slat for a SeceuroGlide compact will be constructed from an AEG bottom slat.

6. LIMITED GUIDE RAILS

When a sloping bottom slat is required on a SeceuroShield 60 / 77 or a SeceuroVision 800 / 900 the shutter must have UPH250 (90 mm) guide rails. Please ensure that your survey has taken this into account.

- A SeceuroGlide requiring a sloping bottom slat can be supplied with either H75 or UPH250 guide rails.
- A SeceuroGlide Compact will always require UPH140 guide rails.

7. MAXIMUM WIDTH

The maximum width for a sloping bottom slat is 5000 mm, this is the overall door width including guide rails.

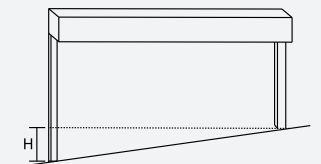
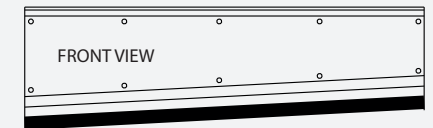
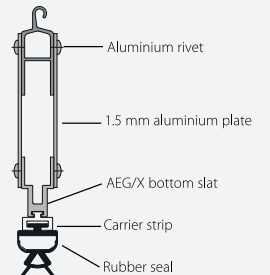
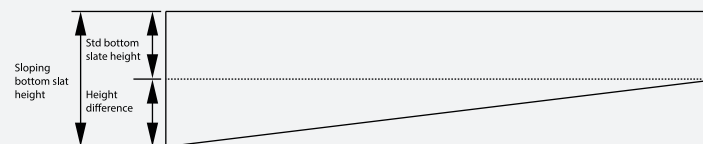
8. MAXIMUM HEIGHT DIFFERENCE (H)

The maximum height difference (H) the sloping bottom slat can accommodate is 250 mm.

When surveying you must ensure that the total height of the sloping bottom slat does not exceed the box end size for the door or you will struggle to load the curtain into the guide rails.

*To obtain the total height of the sloping bottom slat you need to add the standard height of an AEG/X bottom slat (95 mm) or the standard height of an AEG bottom slat (60 mm) to your height difference (H). **You must also ensure your customer is aware that when the door is fully open the sloping bottom slat will remain in the guide rails reducing the clear height available.**

*sloping bottom slat height = Height difference (H) + standard bottom slat height



Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Delivery w/c		POSTCODE		Customer/job ref.	
This order form must be used in addition to the standard shutter order form when removable guide rails are required. Please ensure that you answer all the questions on the form to prevent your order from being delayed.						Prebook number.	

Please note: This order form is accompanied by information in the right hand column detailing important surveying, ordering and installation advice. Please tick this box to confirm that you have read this information. ☐

1. GUIDE RAIL TYPE(S): (tick as appropriate)

H17 ☐ H25 ☐ H30 ☐ H40/S ☐

UPH140 ☐ UPH240 ☐ UPH250 ☐

2.

OUTSIDE ☐ INSIDE ☐

Please tick the appropriate box to indicate how the shutter will be installed

3. PLEASE SPECIFY THE LENGTH OF ALL OF THE FIXED SECTIONS OF GUIDE RAIL (mm).

– default dimension is 150 mm
 – the minimum dimension is 80 mm

4. PLEASE SELECT THE SHOOT BOLT TYPE(S) REQUIRED:

*Please note shutters from the SeceuroVision range should be ordered with the lockable option to maintain security

CHROME ☐

Non-lockable (default*)

WHITE OR DARK BROWN Lockable (surcharge) ☐

5. IF THE SHUTTERS ARE GOING TO STOP AT DIFFERENT HEIGHTS DO YOU WANT SWS UK TO SUPPLY THE STOPS?

YES ☐ NO ☐ (tick as appropriate)

(If you answer yes we will contact you to discuss this)

6. SHUTTER ARRANGEMENT:

Please use one of the typical arrangements shown (below left) or use the space provided to show how the shutters will be arranged. **You must clearly show which guide rails are fixed and which are removable and also which side is the inside and which side is the outside.**

ARRANGEMENT 1

INSIDE / OUTSIDE* *delete as appropriate

Item ref. Fixed / Removable* Fixed / Removable* Fixed / Removable* Fixed / Removable*

ARRANGEMENT 2

Item ref. Fixed / Removable* Fixed / Removable* Fixed / Removable* Fixed / Removable*

INSIDE / OUTSIDE*

CUSTOM ARRANGEMENT:

REMOVABLE GUIDE RAILS

IMPORTANT INFORMATION REGARDING SURVEYING, ORDERING AND INSTALLING

1. MUST BE ORDERED USING THE ORDER FORM

No orders will be accepted for removable guide rails unless they are ordered using the SWS UK removable guide rail order form. This will ensure you receive the products you require.

2. SECEUROVISION SHUTTERS

Shutters from the SeceuroVision range should be ordered with the locking option in order to maintain security. This will be included by SWS automatically with the surcharge unless your order requests otherwise.

3. HOW WILL THEY BE SUPPLIED?

Removable (lower) section of the guide rail will be supplied with the locating lug, skid and bolt attached to the guide.

The fixed (top) section of guide rail will be supplied loose with the fixings required to attach it to the end plate. When attaching this section of guide rail ensure that the chamfered end of the guide rail is at the bottom.

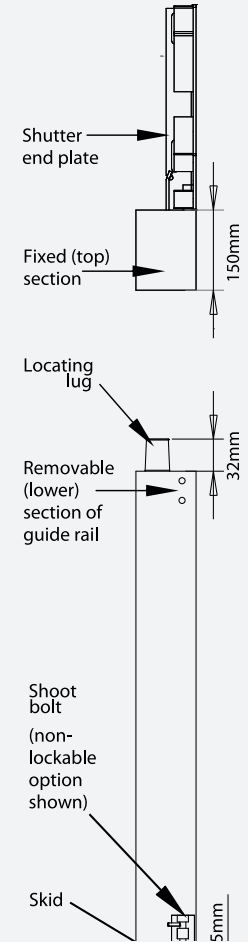
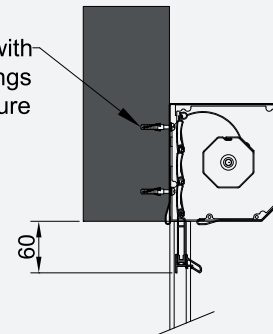
The dust caps (bar top recess) will be supplied with the top section of guide rail.

4. IMPORTANT INSTALLATION NOTE

It is imperative that the shutter end plates are securely fixed as the full weight of the shutter will be taken by these fixings.

End plates require at least 2 1/2 inch 10s or 12s twin threaded screws with brown rawl plugs.

Endplates secured with appropriate fixings to structure





Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		<input type="checkbox"/> Normal delivery run: w/c <input type="text" value="DD"/> <input type="text" value="MM"/>				Customer/job ref.	
		Specific delivery date-POA <input type="text" value="DD"/> <input type="text" value="MM"/> <input type="text" value="YY"/>				Quote ref.	FQ
Application (brief description)				POSTCODE		Prebook number.	
SECEUROGUARD							
SECEUROBAR	Drilling – Indicate: F=Face, R=Reveal, N=Undrilled						

[illegible]

Note:** viewed from inside *Note:** *Please ensure you complete the Hinge Aside order form (see page 57) **+Note:** Please specify here if you require the key to be on the outside (O) or inside (I) ***Note:** Please refer to pages 30-33 in the price list to determine which lock positions are available.

Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS (Examples: bottom running, fixed panel, floating sash, face fixed bottom track, etc.)

NET PRICE		£
KEYS		
Additional blank keys		
EXTRA HANDLES*		
Brass handle with rivets		
*Please note all gates are supplied with handles as standard.		
LOCKS		
Max of 50 gates keyed alike, 100 window bars		
Keyed alike?		YES/NO
Keyed alike? to previous order (gates only)		YES/NO

FOR OFFICE USE ONLY:

ACCOUNT CODE		ORDER NUMBER				MNFG DATE	
TIME RECEIVED		D&T PLNG		METHOD	SWS/	DESPATCH DATE	
D&T PROCESSED		D&T FAXED		ROUTE	A B C D E F G H	DELIVERY DATE	

ISSUE 1: JULY 2014



'X' Lattice

'S' Lattice



Company Name		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Application		POSTCODE		Customer/job ref.	
Item No.	Indicate the style of gate required on the diagram below			Lift up track is supplied as standard. Indicate here if you require a lift out piece instead:			
							Prebook number.

ARE YOU INSTALLING THE GATE INTERNALLY OR EXTERNALLY?

INTERNAL ☐ EXTERNAL ☐ (tick as appropriate)

PLEASE INDICATE HOW YOU ARE VIEWING THE GATE BY SELECTING AN OPTION BELOW:

(tick as appropriate)

DOUBLE GATE <input type="checkbox"/>	SINGLE LEFT GATE <input type="checkbox"/>	SINGLE RIGHT GATE <input type="checkbox"/>
<input type="checkbox"/> Face Fix <input type="checkbox"/> Reveal Fix <input type="checkbox"/> Face Fix Left Reveal Fix Right <input type="checkbox"/> Face Fix Right	<input type="checkbox"/> Face Fix <input type="checkbox"/> Reveal Fix <input type="checkbox"/> Face Fix Left Reveal Fix Right <input type="checkbox"/> Reveal Fix Left Face Fix Right	<input type="checkbox"/> Face Fix <input type="checkbox"/> Reveal Fix <input type="checkbox"/> Face Fix Left Reveal Fix Right <input type="checkbox"/> Reveal Fix Left Face Fix Right

Open Position

OPTION 1 ☐

OPTION 2 ☐

Customer		Order date		Delivery address			Purchase order no.	
Order placed by (block capitals)		Delivery w/c					Customer/job ref.	
Application (brief description)						POSTCODE	Quote ref.	FQ
							Prebook number.	

Drilling – Indicate: F=Face, R=Reveal, N=Undrilled

ITEM	QTY	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	COLOUR	BAR AND FRAME AND TYPE		DRILLING				EXTRAS			PRICE (£)
					20 mm SQUARE WITH 40 mm FRAME	16 mm ROUND WITH 30 mm FRAME	TOP	LEFT	RIGHT	BOTTOM	CUT OUT	LUGS	ZINC PRIMER	

Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

FOR OFFICE USE ONLY:

ISSUE 1: JULY 2014

ACCOUNT CODE		ORDER NUMBER		METHOD	SWS/	MNFG DATE		LOAD DATE	
TIME RECEIVED		D&T PLNG		ROUTE	A B C D E F G H	DESPATCH DATE		DELIVERY DATE	
D&T PROCESSED		D&T FAXED							



Customer		Order date		Delivery address			Purchase order no.	
Order placed by (block capitals)		Delivery w/c					Customer/job ref.	
Application (brief description)					POSTCODE		Quote ref.	FQ
							Prebook number.	

Drilling – Indicate: F=Face, R=Reveal, N=Undrilled

ITEM	QTY	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	COLOUR	MESH PATTERN		FRAME		DRILLING				EXTRAS	PRICE (£)
					DIAMOND	SQUARE	25 mm FLAT	25 mm x 25 mm ANGLE	TOP	LEFT	RIGHT	BOTTOM	CUT OUT	

Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

FOR OFFICE USE ONLY:

ISSUE 1: JULY 2014

ACCOUNT CODE		ORDER NUMBER		METHOD	SWS/	MNFG DATE		LOAD DATE	
TIME RECEIVED		D&T PLNG		ROUTE	A B C D E F G H	DESPATCH DATE		DELIVERY DATE	
D&T PROCESSED		D&T FAXED							



Xpanda
Deterrent Security Products

Component Parts / Xpanda Order Form

ORDER FORM Fax: (01524) 772411
Tel: (01524) 772400
London Tel: (020) 8540 1717
Email: orders@swsuk.co.uk

Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Delivery w/c				Customer/job ref.	
					POSTCODE	Quote ref.	FQ
						Prebook number.	

STOCK CODE	DESCRIPTION	QUANTITY	PRICE	DISCOUNT

SPECIAL REQUIREMENTS



Notes



Guide to Purchasing Shutters

SURVEYING SHUTTERS

When performing a survey, the following steps will help to ensure that each shutter will fit the opening, and that the operation can also be installed comfortably.

GENERAL POINTS TO CONSIDER:

- Use the order forms as a guide during the survey to ensure you obtain all the relevant details during your visit to site.
- It is very important that you assess the requirements of your customer and each situation during the survey taking in to account the following points:
- Application / level of security required.
- Location and access (is this the only point of escape).
- Number of users who will be operating the product.
- Planning restrictions / requirements.
- Budget available.
- Aesthetics.
- It is the distributor's responsibility to ensure that a product is suitable for its intended application. If in doubt, please contact our trade sales department for advice.
- Will the shutter catch on anything that protrudes past the brick-line (i.e. handles)?
- If the window / door opens outwards, will it still open after the shutter is installed?
- Do not forget that the bottom slat will hang down at least 50 mm below the box.
- Has the shutter got a cill to close onto or will cill angle be required?
- Are the walls level both inside and outside?
- Always measure the top, middle and bottom within the window reveal.
- Ensure that there is sufficient room for the shutter box and guide rails.
- Decide which would be the best side for the operator to be on. If electrically operated this may be influenced by the availability of a suitable power supply.
- Make sure there is nothing which may prevent the sweep of a rod crank or geared belt during operation.
- Note the thickness of the walls, walls over 300 mm thick will require an extension bar for crank operated shutters or manual override handles.
- If the shutter is for a doorway is the floor level?
- Please refer to page 2, "Specials section," if you require a product with a specification which is not featured in this price list.

REVEAL INSTALLATION DETAILS

- Will the shutter be installed over a door or a window? (please see page 2 – "DOOR OR WINDOW")
- Ensure appropriate control method selected – see page 63.
- Measure both sides of the reveal to make sure the walls do not run in or out.
- Always work to the smaller size and check that you can still use the operator.
- For the height, measure from floor or cill to the underside of the opening and deduct a 5 mm for tolerance; this height will include your shutter box.

FACE INSTALLATION DETAILS

- When face fixing, is your operator hole going to damage anything on the inside of the house (e.g. power cables or sockets)?
- Take care to ensure that the width on the inside of the opening is not larger than the outside. If it is, work to the larger size to prevent the drilled hole breaking through the edge of the internal wall.
- For the height on Crank or Belt operated shutters, take the cill or floor to lintel measurement and add on the appropriate box size. Fitters will have to cut down the guides by approximately 30 mm on site to drill through for the operator below the lintel.
- For the height on Spring balanced or Electrically operated shutters simply take the cill or floor to lintel height and add on the box sizes and bottom rail projection size normally 50 mm.

PRICING SHUTTERS

Simply decide the type of shutter required, type of operation, appropriate box and guide rails and scale off the price list.

Below is a pricing example:

1 no. SeceuroShield CD150/T built-on security shutter in white, manual belt operation to be fitted around an opening size of 1350 mm wide x 1200 high.

1350 mm + 106 mm (i.e. 2 x 53 mm H25 guide rails)
= 1456 mm overall width

1200 mm + 165 mm box
= 1365 mm overall height

(increase height to allow for bottom slat hang down if desired)

The price band is 1500 mm (w) x 1400 mm (h) = £632 excluding VAT, less discount, plus £52.45 delivery if the total order value falls below £500.

SHUTTER ALTERATIONS

We appreciate that from time to time due to unforeseen circumstances it is may be necessary to alter the size of a shutter after it has been ordered. Once we have started manufacturing it, this can cause a considerable amount of additional work. Some or all of the components may have been cut. Moreover, all documentation including cutting sheets has to be recalled from the factory, a new set of paperwork issued and the work rescheduled. In view of this we make a minimum **£18.34** administration charge depending on what work has been completed. Please bear this in mind if your customer asks to make any changes.

On orders already delivered it is relatively simple to reduce a shutter's height. Increasing the height of a shutter is much more involved as it may necessitate replacing guide rails, axle, box, end plates etc. Reducing a shutter's width is again possible, but is best carried out in our factory.

RECOMMENDED MINIMUM FIXINGS

- Please note SWS UK does not supply fixings with any of the products featured in this price list.
- End plates and guide rails secured to masonry or wood must be fixed using at least 2 1/2" x 12s (steel countersunk hardened & zinc plated) with penny washers. When fixing to masonry a 7 mm hole is required in conjunction with a brown Rawl plugs. When fixing to steel use at least 1" x 12s self drilling / tapping screws (steel hardened & zinc plated)
- Every shutter box must be secured at 1 metre centres using at least 1 1/2" 10s (steel countersunk hardened & zinc plated) with penny washers.
- The above are the minimum requirements. Installation engineers must assess the structural integrity of the building material to be fixed to, combined with any environmental influences (strong winds) and the level of security required.
- It is always far preferable to use too many fixings than too few.

WIND LOADING

As of July 2013, to comply with the Construction Products Directive, all shutters which are manufactured for installation over door ways must be tested by a notified test body for their wind loading capability, as per BS EN 12424 and 12444. For doors fitted on to an external façade they must reach a minimum of Class 2. During testing both sides of the curtain must be tested. **CD150/T:** This product has been tested to BS EN 13659 and therefore should not be installed on the façade of a building. Alternative products for this application include the SeceuroShield 38 and the SeceuroShield 77.

SUMMARY OF WIND LOADING CLASSIFICATION:

Product	Conditions	Classification
SeceuroShield 38	H30 guides, up to 4 m wide	2
SeceuroShield 38	H30 guides, up to 3.5 m wide	3
SeceuroVision 38	H30 guides, up to 3 m wide	2
SeceuroShield 38	H40/S guides, up to 4 m wide	3
SeceuroShield 60	UPH250 guides, up to 5 m wide	3
SeceuroShield 60	UPH250 guides, up to 6 m wide	2
SeceuroShield 75	UPH250 guides, up to 6 m wide	2
SeceuroShield 77	Up to 4.8 m wide	3
SeceuroShield 77	Up to 5.4 m wide	2
SeceuroShield 800	Punched & glazed, up to 6 m wide	2

Wind Loading Classification	Pressure (pa)	Wind Speed (mph)	Beaufort Scale		
			No.	Description	Conditions
2	Above 460	59	10	Storm	Trees uprooted, considerable damage
3	Above 700	73	11	Violent Storm	Wide spread damage
4	Above 1000	88	12	Hurricane	Wide spread damage



Guide to purchasing Retractable Security Gates

SURVEYING RETRACTABLE SECURITY GATES

When performing a survey, the following steps will help to ensure that each gate will fit the opening. Wherever possible the following notes should be used in conjunction with a brochure.

GENERAL POINTS TO CONSIDER

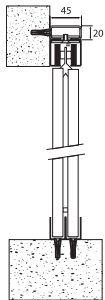
- We recommend that wherever possible retractable gates are fitted internally to enhance security and ease of operation.
- Where an external installation is desirable, the insurance approved SeceuroGuard 1001 is the most suitable option. We recommend that all externally fitted gates should be ordered in a dark colour as some corrosion will appear over a period.
- Always check what material has been used in the construction of the opening. This is essential when fitting an LPCB approved product. Fixing into plasterboard or Thermalite block is not acceptable.
- Please be mindful that SeceuroGuard gates weigh 19 kgs per square meter and as such require a very secure fixing for the top track. Although not an option on the LPCB approved SeceuroGuard 1001, it is possible to make SeceuroGuard 1000 bottom running to channel some of the weight through the bottom track.
- Will the gate catch on anything that protrudes from the window or surround (i.e. handles)?
- If the window / door opens inwards, will it still open after the gate is installed? If not a face fit installation may be appropriate.
- Are the walls level inside the opening? It is advisable to take a spirit level on surveys.
- Consider the size and side of the gate's sash or whether bi-parting is a better option.
- If fitting in or around a doorway, we recommend the use of folding or removable bottom tracks from a health and safety point of view.
- Where access is required at both side(s) of an opening, consider opting for a floating sash.
- Where fixed security is required, SeceuroGuard 1000 & 1001 can be manufactured as fixed panels. This option is particularly useful for protecting low height apertures.
- You must take into consideration during the survey that SeceuroGuard's which are different sizes, on the same elevation may contain different numbers of lattices and pickets. See the tables showing the changeover points on the following page.

REVEAL INSTALLATION DETAILS

- Will the gate's sashes obscure more of the window than a client is prepared to accept? If so a face fit installation may be appropriate.
- Always measure the top, middles and bottom within the window reveal.
- Always work to the smaller size and if appropriate use packers to ensure the gate is square in the aperture.
- For the height, measure from cill or floor to the underside of the opening and deduct a 5 mm for tolerance.

FACE INSTALLATION DETAILS

- When face fixing, is the wall flat? Look out for uneven plaster that might catch on the gate's sashes as they slide open. It is still possible to install a gate under these circumstances by packing it off the wall to achieve adequate clearance.
- When quoting please remember to add on the width of the gates sashes and add the cost of a fixing frame.
- A standard fixing frame kit comprises one 20 mm high 'C' section that comes attached to the top track. This is suitable for doorways – see illustration, right.
- When face fitting around a window, it is advisable to order an additional length of 'C' section that is attached to the bottom track in our factory. If you require this 'C' section for face fixing the bottom track you must specify this in the special requirements section of the order form.



PRICING RETRACTABLE SECURITY GATES

Firstly, decide on the level of security required i.e. standard SeceuroGuard 1000 or insurance industry (LPCB) approved SeceuroGuard 1001. Secondly, consider the type of installation, i.e. reveal or face fitted. Finally, any optional extras such as folding bottom tracks etc. Unlike some companies, we charge the same price for single or bi-parting sashes and for straight or decorative 'S' lattices.

Below is a pricing example:

1 no. Reveal fitted SeceuroGuard 1000 (single sash) in white, to suit a window reveal size of 1550 mm wide x 1150 mm high.
1550 mm (price band width = 1600 mm)
1150 mm (price band height = 1200 mm)

= £816 excluding VAT, less distributor discount, plus £52.45 for delivery if the total order value falls below £500.

PICKET QUANTITY CHANGEOVER

SINGLE SASH

GATE WIDTH	BUNCH QUANTITY
500	5
560	6
690	7
820	8
950	9
1080	10
1210	11
1340	12
1470	13
1600	14
1730	15
1860	16
1990	17
2120	18
2250	19
2380	20
2510	21
2640	22
2770	23
2900	24

DOUBLE SASH

GATE WIDTH	BUNCH QUANTITY
1000	5
1160	6
1420	7
1680	8
1940	9
2200	10
2460	11
2720	12
2980	13
3240	14
3500	15
3760	16
4020	17
4280	18
4540	19
4800	20
5060	21
5320	22
5580	23
5840	24

LATTICE INCREMENTS

GATE HEIGHT	NUMBER OF LATTICES
0 - 999	1
1000 - 1599	2
1600 - 2099	3
2100 - 2699	4
2700 - 3500	5

MANUFACTURING SIZES AND TOLERANCES

All products are manufactured to the sizes given on your order. It is therefore important that you make any deductions or additions which may be necessary before placing your order. Reveal Fitting – we normally recommend that 5 mm is deducted in total from both the width and height.

Face Fitting – If you are face fitting around an opening, which must be a clear opening, you should take into consideration the following:

WIDTH

- Bunch sizes, please refer to the bunch size charts provided (see pages 33.
- If you require folding tracks add 60 mm to the bunch size for each folding track.
- If you require the hinge aside option the bunch size should be increased by a further 30 mm per bunch.

HEIGHT

- Allow for the height of the top track and if applicable the height of the bottom track.
- If you are face fixing the top or bottom tracks you should allow an extra 20 mm for the fixing frame required. The manufacturing height you supply on your order should include this fixing frame where appropriate.

All dimensions must be supplied in millimetres. To convert from inches to millimetres multiply the dimension in inches by 25.4.

If you require assistance with converting from imperial to metric there is an imperial to metric calculator on the SWS UK website www.sws.co.uk

RETRACTABLE SECURITY GATE ALTERATIONS

Although not impossible it is very difficult to reduce a retractable gate in height. Increases in height are not possible, however there is the option to use a packer to bridge any gap. Like shutters, a gate's width cannot be increased but may be reduced, however please bear in mind that this will reduce the distance between pickets and therefore the level of vision.

For further information refer to the SeceuroGuard technical guide.

TERMINOLOGY

The following lists the preferred terminology applied to SeceuroGuard gates (in Bold) and alternatives which are also in common use:

SASH	Bunch / Stack / Hand
TOP TRACK	Top runner / Top Rail / Top Guide
FOLDING TRACK	Lift up / Hinge (should not be used -can be confused with the hinge aside option)
REMOVABLE TRACK	Lift Out / Lift Off
HINGE ASIDE	Hinging Sash / Swinging Sash / Fold Back
C-SIDE FIXING FRAME	C-Side / Reinforcing for Top Track / Strengthening for Top Track
REVEAL FIXED	Between Walls / Recess
FACE FIXED	Surface Mounted / Plant On
BI-PARTING	Double / Double Draw / Split
KEYED ALIKE	Suited / Same

Guide to Electrically Operated Shutters

QUICK GUIDE TO ELECTRICALLY OPERATED SHUTTERS, OPTIONS AND ACCESSORIES

Electric Motors are required on larger shutters and are optional on smaller shutters. Tubular motors fit inside the axle and operation is by push button momentary switch, key switch or remote control. A manual override can be specified to operate from inside. Where desirable a manual override can also be engaged through the outside of an externally fitted shutter box. Under these circumstances a lockable override cover is available as an optional extra to maximise security. Multi-shutter electric installations can be wired to operate from group switches using a group command only. Ask for further details. Care should be taken to ensure that such installations are in line with current Health and Safety legislation.

MOTOR CONNECTION

You will need to connect the motor to either a momentary switch or a control unit. Power should be supplied via a 13 amp switched fused spur or a 13 amp switched plug socket. It is suggested that the power is provided by an 'unprotected' fused spur as the motor on startup may trip the RCD on the main fuse board (if fitted). Plugs and spurs should be fitted with a 3 amp fuse. Ensure power is switched off before any electrical connections are attempted.

POWER REQUIREMENT

A Shutter up to 5 sqm/50 kg typically draws 1.1A/240W
A Shutter up to 10 sqm/100 kg typically draws 1.5A/320W

CE MARKING

All SWS shutters are compliant with the relevant standards:

- The supply of machinery (safety) regulations 1992.
- Construction Product Regulations (BSEN13241-1).

For further CE information see page 2.

All electrical installations must comply with the IEE wiring regulations (BS 7671) 17th edition (current). If in doubt consult a qualified electrician. It is the responsibility of the installer to CE mark electrically operated products – see page 2 for further details.

SAFETY FIRST

To comply with current health and safety legislation, the operator of an electrically operated shutter(s) must monitor the progress of the shutter(s) throughout operation. If this is not possible a safety device must be fitted to stop an obstructed shutter during operation. Alternatively, an audible and visual warning must precede the operation of the shutter(s) on each elevation of the building where a shutter is installed.

Due to risks associated with unattended open roller grilles (SeceuroVision 900) and shutters (unglazed SeceuroVision 38 & 800) we do not recommend the use of remote control systems even when fitted with dual photo cells. Under these circumstances a hold-to-run switch should be used in full sight of the product. Alternatively, consider using a fully glazed version of SeceuroVision 38 & 800.

MOTORS

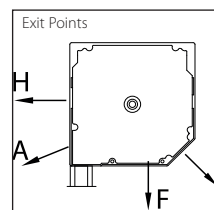
SeceuroDrive motors are a new generation of motors designed for the professional installer. These motors incorporate several design features, which make installation a quick and trouble free operation.

All SeceuroDrive motors feature:

- Twist limits
- Clip-on drive adapters
- Multiple mounting positions of motor head
- Wide crown wheel for improved tube fit
- Supply cable via removable connector



MANUAL OVERRIDE SHUTTERS



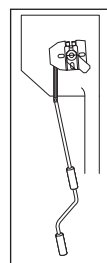
Not all exit options will be possible on certain shutters.

If a manual override is required for use in the event of power failure this must be specified at the time of ordering. There is a choice of technical solutions for the handle mechanism which operates the override, principally dependent upon whether the shutter is installed internally or externally and whether the override is to operate from inside or outside the building. Override locks and the low level external override are available at a surcharge. All specifications refer to a 205 mm box or larger. As standard, the low level external override can now be operated from both the inside and outside.

USE OF MANUAL OVERRIDE SHUTTERS

Clear instruction must be given to users on the manual override winding direction to raise the shutter. Winding the shutter downwards beyond the normal stop point will damage the shutter. To help avoid this we supply a swing ticket.

EXTERNALLY FITTED SHUTTER WITH EXTERNAL OVERRIDE



A removable 45° joint crank handle is inserted into the motor. The exit hole is filled with an 18 mm cover cap or an optional lockable override cover. Only available on shutter box exit 'E'.



EXTERNALLY FITTED SHUTTER WITH INTERNAL OVERRIDE

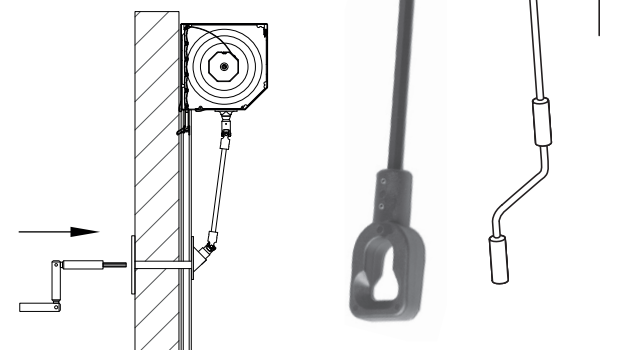
A permanently installed internal 90° handle, exit A or H can often be specified subject to final survey and dependent on the construction of the building specification.

INTERNALLY FITTED SHUTTER WITH INTERNAL OVERRIDE

A fixed eye can be supplied at shutter box exit 'F' with a removable hooked handle of 1100 mm as standard. Alternatively a fixed 45° joint crank handle can be supplied at box exit 'E' or 'F'.

INTERNALLY FITTED SHUTTER WITH EXTERNAL OVERRIDE

The low level external override (exit F) is operated by unlocking the override cover plate and inserting the winding handle. As standard the low level external override can now be operated from both the inside and outside.



MOTOR BOX EXTENSION

A box extension is required on built-on SeceuroShield 60 shutters when; **SeceuroDrive**: curtain weight exceeds 149 kg on a 4" axle and when a 5" axle is needed, **Somfy**: when the curtain weight exceeds 172 kg on a 4" axle and 134 kg on a 5" axle. The projection is just 30 mm for face fixed shutters. If the shutter is reveal fixed the gap is made up using a 30 mm packer, as shown in the illustration. The overall width used when pricing and ordering shutters with box extensions is the overguide width (not including the box extension or 30 mm packer). If you are in any doubt please contact your trade sales Account Manager.



Guide to Electrically Operated Shutters

CONTROL EQUIPMENT SELECTION FOR SHUTTERS FITTED OVER DOORWAYS



As standard all electrically operated shutters will be supplied with an Inis Uno single pole hold to run switch. It is your responsibility to determine the appropriate control equipment for each application and notify us in writing on your order if you require non standard control equipment. This selection must take into account the minimum levels of safeguarding required for the bottom slat (main edge) and also the quantity of shutters being operated. The table below summarises the minimum levels of safeguarding for doorways and serveries, please note this is our interpretation of BS EN 12453:2000 Clause 5.5.1.

BS EN 12453:2000 CLAUSE 5.5.1

The minimum levels of safeguarding of the main edge are listed in the table below:

Type of door activation	Types of use		
	Trained users (no public)	Trained users (public)	Untrained users
Hold to run control	Hold to run	Hold to run switch key switch or similar	not possible
Impulse activation in sight of door (impulse switch)	Safety edge	Safety edge	Safety edge & PEC*
Impulse activation out of sight of door (remote control)	Safety edge & PEC*	Safety edge	Safety edge & PEC*
Automatic control (Time clock / auto clock)	Safety edge & PEC*	Safety edge & PEC*	Safety edge & PEC*

*PEC = Photo Electric Cell (safety photo cell)

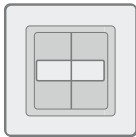
EXAMPLES:

- Trained users (no public) – Domestic garage doors, Private offices
- Trained users (public) – Domestic garage doors opening directly on to public, Shop shutters
- Untrained users – Large corporate companies, schools, public buildings, multi-users where training can not be guaranteed

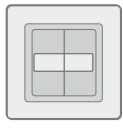
HOLD TO RUN CONTROLS

SWITCHES

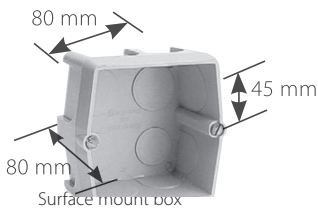
The Inis Uno and Inis Duo are for controlling either one or two shutters respectively. As standard all switches will be supplied with a back box for surface mounting but an alternative flush mounting back box can be requested.



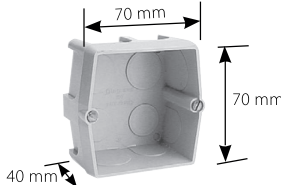
Inis Uno single control



Inis Uno double control



Surface mount box

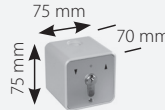


Flush mount box (optional)

KEY SWITCHES

Key switches provide a more secure hold to run control method. They are available as either single or dual pole for controlling either one or two shutters respectively.

Two way single pole momentary and dual pole momentary key switches are available as an option for security controlled operation.



WIRING DIAGRAMS

Wiring diagrams for many of our switches and control units are available. Please contact Customer Service for further details.

PROMATE

ProMate is a dedicated control unit designed for single phase tubular motors.

KEY FEATURES:

- Low carbon footprint <0.5 watts.
- Designed for installers without electrical qualifications.
- Dynamic user interface, simple and easy to understand.
- Plug and play battery back-up (optional).
- Compliant to 13241-1.
- Touch safe voltages for all inputs.

Colours & Powder Coating

INTRODUCTION

Polyester powder coating is a surface finish applied to shutters and retractable gates in a solid, powder form after careful pre-treatment of the surface. The coating is fused by heat to produce a continuous film and curing of the coating gives its design properties. The result is a high performance finish that delivers exceptional corrosion protection, durability and resistance to yellowing making it suitable for both interior and exterior use. The process is virtually emission free, so is environmentally friendly.

FEATURES

- Typically 60-80 Microns coating thickness
 - Excellent corrosion protection
 - Superior colour stability
 - Tough yet highly flexible
- Extruded profiles and the aluminium shutter box profiles are powder coated in a satin finish (unless stated otherwise).

GLOSS LEVELS

Gloss (80% +/-5%): A highly reflective smooth surface. Gloss surfaces due to their highly reflective appearance tend to highlight surface imperfections.

Satin (65% +/-5%): A satin finish is not as reflective as the gloss finish and because of this is less likely to show any surface imperfections. Satin finishes also provide a good surface for cleaning and resisting abrasion. Unless stated otherwise this is the standard finish supplied.

Matt (30% +/-5%): A matt finish due to the low gloss level is very good at concealing surface imperfections. Due to the textured finish the surface is more difficult to clean than a surface with a higher gloss level.

TOUCH-UP PAINT

For repairing minor blemishes to the finish surface touch-up paint is available

Touch-up paint pot (25 ml) Code: PC501AO PRICE: **£8.22**

NOTES:

All colours are supplied in Satin as standard, Matt & Gloss are available.

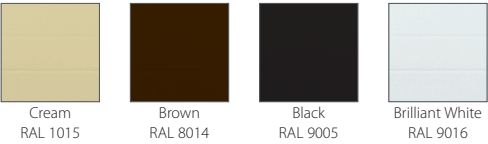
Bands Standard, A and B are available on gates as standard. Other RAL and BS colours are available, please contact your Account Manager for further details.

There is a minimum powder coating charge of **£98.30** net.

Please note: We cannot powder coat SecuroShield CD150/T. We cannot powder coat components under 150 mm.

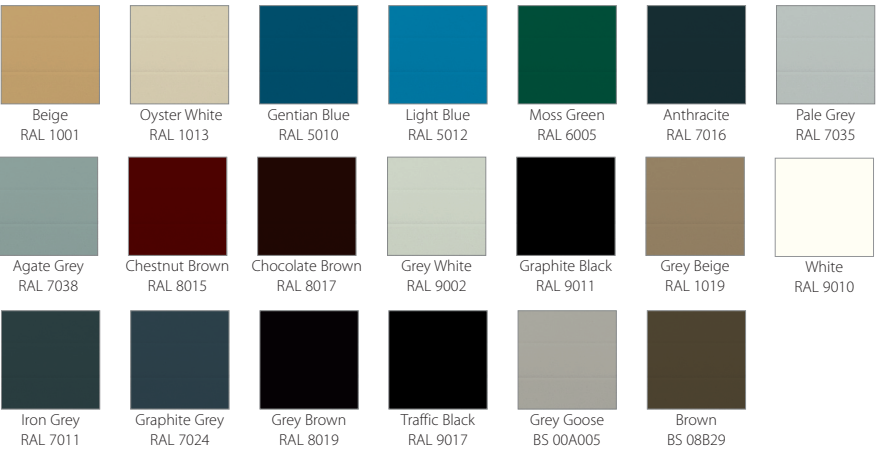
These are just a selection of the powder coating colours available! View the full range on SWS Online.

STANDARD COLOURS – FOC



BAND A – £55.91PER m²

For complete shutter (or curtain) using a colour listed in the band below.



BAND B – £71.43 m²



BAND C – £86.94 m²



PRICES FOR BOXES AND GUIDES FOR EACH BAND:	STD	A	B	C	D
Minimum powder coating charge		£98.30			
205 mm or smaller box and end plates (used if curtain does not require powder coating)	FOC	£36.31	£46.57	£54.11	POA
Guide rails and bottom slat to go with above	FOC	£9.44	£12.13	£14.82	POA
250 mm or smaller box and end plates (used if curtain does not require powder coating)	FOC	£50.56	£64.87	£79.15	POA
Guide rails and bottom slat to go with above	FOC	£10.38	£13.29	£16.23	POA
300 mm or smaller box and end plates (used if curtain does not require powder coating)	FOC	£58.39	£74.87	£91.31	POA
Guide rails and bottom slat to go with above	FOC	£11.69	£14.95	£18.25	POA

Delivery, Packing & Warranties

DELIVERY SERVICE

Our standard delivery service covers England and Wales weekly, Scotland and Ireland fortnightly.

Pricing includes delivery on all orders over **£500** on our standard weekly service to England and Wales. Additional chargeable deliveries can often be arranged with your Internal Account Manager. We also offer home/site delivery service options with one or two men depending on the size of delivery and site conditions.

Delivery confirmations for our own dedicated service will be emailed or texted the previous afternoon if AM or PM the following working day. Please ensure an email address and/or mobile number is supplied on your order.

DELIVERY CHARGES

Over £450 net on standard run	Nil
Under £450 net on standard run	£52.45
All orders required on a different day to standard delivery run	POA
Collection from distribution depot	Nil
Pre agreed time slot for standard deliveries	POA
Site delivery charge one man offload	£76.79 extra
Site delivery charge two man offload	£125.99 extra
Redelivery of goods	£48.13 extra
Deliveries to Scotland	£45.96 per drop
Deliveries to Ireland	POA

Carrier Services	Price £
Component items up to 5 kg (Including singular tube motors)	£14.99
Component items up to 20 kg	£59.49
Delivery & packaging of fragile items over 20 kg	£106.99
Pre 10.30 am	£53.49 extra
Pre noon	£29.99 extra
Saturday pre noon	£59.99 extra

Additional surcharges apply on the following:

Channel Islands & Scottish offshore	£131.49
Highlands	£43.99
Grampian	£39.99
Isle of Man	£139.99
Isle of Wight	£26.49
Devon & Cornwall	£14.99
Central London	£14.99

*orders over **6.8 m** or are comprised of more than **5 industrial doors** will require specific pricing and delivery arrangements

Next day palletised deliveries are available:

Sizes are: 1.2, 2.4, 3.6 & 4.8 m. Please allow 200 mm for packaging.

Palletised deliveries over 3.6 m are only available on a 3 day run.

Prices are available from your Account Manager.

Due to delays we are unable to deliver to shipping companies located near shipping ports.

LOCAL COLLECTIONS

For urgent orders in certain areas of the country, collection is possible from our 3 distribution depots (must be collected within 24 hours):

South (Heathrow)

Units 2, 3 & 4, Lakeside Industrial Estate, Lakeside Road, Colnbrook SL3 0ED

Midlands (Willenhall)

DX Freight, Unit 1 Bays 1, 2, 3 East Acre, Off Long Acre, Willenhall WV13 2JZ

Bristol

Jupiter Road, Patchway, Bristol BS34 5BW

COMPONENT ORDERS

All small component orders required next day **must be received by 2 pm the day before** delivery. Orders placed on a Friday **must be received by 12 noon for delivery on Monday**.

If you require powder-coated items, please allow an additional 24 hours at least from the receipt of order. Items for assembly need to be booked in for manufacturing – for example complete shutter curtains. Please allow a minimum of three working days depending on the delivery method.

Regrettably it is not possible to send items over 5 m in length by overnight carriers.

IMPORTANT DELIVERY NOTE

The most cost effective and safest way of delivering orders is via our own transport. Please try to tie orders in with your normal delivery runs wherever possible.

In the event of using a carrier, we need to use reinforced packaging.

CRATE CHARGES

We can offer delivery by crate on a POA basis. Please speak to your Account Manager.

PACKAGING

Over recent years we have refined our use of packaging to reduce the likelihood of goods being damaged in transit.

- Shutter boxes are packed individually using bubble wrap and / or cardboard.
- Curtains / guide rails are packaged using bubble wrap and / or cardboard.
- Aluminium packers are typically packaged with guide rails on the same order.
- Where overnight carriers are used, curtains and guide rails are also wrapped in bubble wrap and cardboard.
- With the exception of spring operation, shutters are supplied with an accessory box containing: switches, swivel belts, crank handles, keys and installation documentation as appropriate.
- Cardboard boxes are secured using nylon banding for ease of opening. These must not be used as a handle for lifting.
- Water resistant film can be added to cardboard packages at additional cost.

- Retractable security gate sashes and tracks are packaged separately in several layers of bubble wrap.
- Keys for retractable gates are packaged in a bright yellow Jiffy bag attached to the end of the sash.

DELIVERY CHECK-LIST

A. Pre-delivery

- A postcode must be supplied for all delivery addresses.
- We currently operate a range of delivery vehicles. It is therefore important to check the lorry's dimensions when arranging a delivery for the first time.
- If you require a delivery to site you must supply us with a contact name and a contact telephone number of the person who will assist the driver to unload.

B. Receipt of goods – own premises

- We require a person to assist off-load, check and sign for goods.
- For large deliveries, please ensure you have several people to assist, this will minimise any delays for subsequent customers.
- Deliveries received must be checked before signing the delivery note. It is not possible to claim compensation for damaged or missing items unless highlighted on the drivers delivery notes. If possible take a copy of this documentation for future reference.

C. Receipt of goods – to site

- Deliveries will only be made to site if an installer is present to assist the driver with unloading and to check and sign for the goods.
- For large deliveries, please ensure you have several people to assist, this will minimise any delays for subsequent customers.
- Before the goods arrive, please prepare a location to unload and store the items safely and securely.
- Deliveries received by overnight carrier must be checked before signing the delivery note. It is not possible to claim compensation for damaged or missing items unless highlighted on the drivers delivery notes. If possible take a copy of this documentation for future reference

D. Claims for damages

- Please check the contents of your order against the delivery note on the day received. Care should be taken when using sharp objects to cut through the packaging.
- Claims for missing or damaged items will only be processed if the drivers delivery note has been signed for as damaged or missing and must be reported within 2 days of delivery.

IF YOU SUSPECT DAMAGE Please fully inspect the product prior to signing. If the product is damage, clearly state "DAMAGED" when signing the consignment note. Signing as "Unchecked" is insufficient.

WARRANTIES

SeceuroShield products are guaranteed against defect of material or workmanship by SWS UK, subject to the correct installation, maintenance and operation for a period of 2 years from the date of purchase.

In addition the Somfy motors used on the shutter range are guaranteed for 5 years against faulty materials and workmanship.

Where a warranty is upheld, SWS UK will supply all necessary parts to enable distributors / installers to complete a satisfactory repair. The warranty terms do not extend to cover labour and consequential loss arising from any claim.

RETURN & REPLACEMENT PARTS

Occasionally it may be necessary to return an item to us. Please contact your Account Manager for an NCR number and ensure that the product is packed appropriately and clearly labelled with the number given.

The return goods note is a two part document, there is a copy for you to retain and a copy to be sent back with the goods. If the goods are being returned by post, please send this for the attention of the Quality Department with the returns note. Should you require the goods to be collected by SWS UK, please contact your Account Manager to arrange this. Collections by SWS UK will be made within 10 working days of notification in most cases.

Replacement parts

Before requesting any replacement parts, please ensure that a Damage Identification Sheet is completed and returned to customerservicesfaxes@swsuk.co.uk along with a photograph. Your parts will then be despatched by the most effect method of transport. If you have any queries, please contact your Internal Account Manager.

CONDITIONS OF SALE

All goods are offered for sale in accordance with our standard conditions of sale, a copy of which is available on request, and is reproduced on our web site www.sws.co.uk.

Contact Us

HOW TO ORDER

By fax 01524 772411 (orders only)

Online <https://online.swsuk.co.uk>

By email orders@swsuk.co.uk, or for **London**, London.orders@swsuk.co.uk

By post SWS UK, Hornby Road, Claughton Lancaster LA2 9LA

Please photocopy the order forms provided within this price list, additional copies are available on request

SPECIAL REQUIREMENTS

If you cannot find the product that you require in our price list please call our customer services department on 01524 772 400 and we will endeavour to help you.

OFFICE HOURS

Over the years we have tried to align our opening hours with the preferences of our customers. Starting early is intended to enable customers to resolve any issues before starting their day's work.

Monday to Thursday 8.15 am to 5.00 pm

Friday 8.15 am to 3.45 pm

Out of hours site technical queries 07779 314226

To help improve our levels of customer service and to assist with training, calls may be recorded.

TERMS OF BUSINESS

Payment Terms

Initially, new customers are required to purchase goods on a pro-forma basis. If you wish to apply for a credit account, please complete a credit account application form (available on request). Your application will be processed by our Accounts Department, however submitting a form does not automatically guarantee an account will be opened.

SWS UK reserves the right to withdraw trade credit accounts where:

- Turnover falls below £1,000 per annum. In this event, goods will continue to be supplied on a pro-forma basis.
- An account payment is received more than 10 working days late.

All orders should be placed using SWS Online where possible, or an official order form (see pages 51-58). This minimises the likelihood of any misunderstandings and accelerates order processing.

Once processed all orders will be faxed back to you for final checking. Enquiries should be made to your Internal Account Manager. If you do not receive an order confirmation within 48 hours or sooner in the case of urgent orders, please contact the Trade Sales Office immediately.

In the event that a trade customer fails to confirm that their order has been interpreted correctly, manufacturing will still go ahead. However, SWS UK accepts no responsibility for manufacturing errors which are apparent from the order confirmation.

DELIVERIES

Claims for damages will only be processed if reported within 2 days of delivery. Please check the contents of your order on the day received. It may therefore be necessary for you to open packages prior to their despatch to site.

Queries relating to invoices must be notified to the Credit Controller within 7 days of receipt of invoice. This will ensure that we have the time to investigate and resolve your enquiry without it delaying any payments due to ourselves.

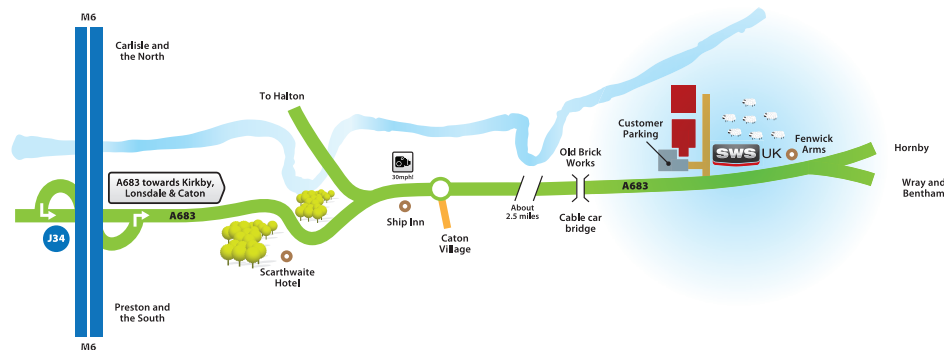


SWS UK

Hornby Road, Claughton, Lancaster, Lancashire LA2 9LA

t: 01524 772 400 **f:** 01524 772 411

e: info@swsuk.co.uk **w:** www.sws.co.uk



SWS UK (London)

56 Windsor Avenue, Merton, London SW19 2RR

t: 020 8540 1717 **f:** 01524 772 411

e: info@swsuk.co.uk **w:** www.sws.co.uk

